



# Maharashtra State Board of Technical Education

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[e-Exam Manage Questions for Advanced Java Programming \(17625\) for topic 1](#) [Go Back to Subjects](#)

Question Edited Successfully

Q No	Question	To pic	Fig ure	Q Type	Mar ks	Answer
1	JPanel and Applet use _____ as their default layout	1	N	R	1	FlowLayout
2	Which are various AWT controls from following?	1	N	R	1	Labels, Push buttons, Check boxes, Choice lists.
3	Which of the following component class cannot be add on applet	1	N	R	1	Menu
4	A checkbox is a control that consists of a _____	1	N	R	1	Combination of a small box and a Label
5	A Frame's _____ designates the area of the frame excluding the title,menu bar and the border.	1	N	R	1	ContentPane
6	A GUI stands for _____.	1	N	R	1	stands for Graphical User Interface
7	A JCheckBoxMenuItem is a subclass of _____.	1	N	R	1	All of these
8	A label is a simple control which is used to display _____ on the window	1	N	R	1	Text(non-editable)
9	A ScrollPane is _____	1	N	R	1	Container
10	A superclass of Textfield and TextArea classes that is used to create single-line , multiline textfields repectively is_____.	1	N	R	1	Textcomponent
11	A _____ is a component that appears as a group of folders in a file cabinet.	1	N	R	1	JTabbedPane
12	A _____ automatically arranges the components added to a container.	1	N	R	1	Layout Manager
13	A _____ is a passive AWT control which do not generate any event.	1	N	R	1	Label
14	A _____ component is a display area for a short string of text, image or both.	1	N	R	1	Jlabel
15	All Component on Container can be removed by calling following method	1	N	R	1	removeAll()
16	All swing component classes are placed in	1	N	R	1	javax.swing
17	An Applet is _____ of Panel	1	N	R	1	subclass
18	Applet Container is used to prepare _____ output window.	1	N	R	1	Both a and b
19	AppletViewer tool is available in which of the folder of JDK	1	N	R	1	bin
	Arranges the components as a deck of cards such that only one					

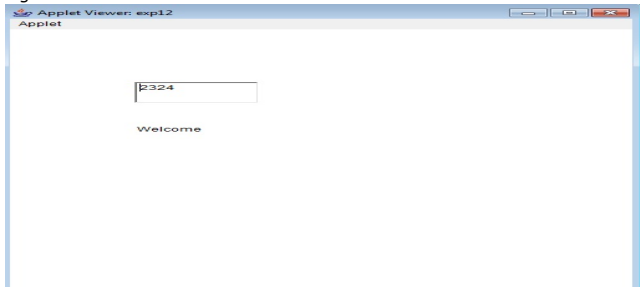
20	component is visible at a time	1	N	R	1	CardLayout
21	At the top of the AWT hierarchy is the _____ class.	1	N	R	1	Component
22	AWT classes are contained in the _____ package	1	N	R	1	java.awt
23	AWT is used for creating a GUI in Java. AWT stands for	1	N	R	1	Abstract Window Toolkit
24	AWTEvent Class is define in following package	1	N	R	1	java.awt
25	A _____ is Component that represents a hierarchical view of data	1	N	R	1	Jtree
26	A _____ is component that presents a rectangular area in which a component may be viewed	1	N	R	1	Scroll Pane
27	Border Layout is divided into _____ regions	1	N	R	1	five
28	BorderLayout class has _____ regions to add components to it	1	N	R	1	Five
29	By default flowlayout uses _____ justification.	1	N	R	1	Center
30	By default page-up and page-down increment of scrollbar is _____.	1	N	R	1	10
31	By default the Frame has a _____	1	N	R	1	Titlebar,borders,resizing corners
32	By default which layout manager is set on applet	1	N	R	1	FlowLayout
33	By which method You can set or change the text in a Label?	1	N	R	1	setText()
34	Canvas is a _____	1	N	R	1	Window
35	Checkable menu items are created using object of .....class.	1	N	R	1	CheckboxMenuItem
36	Choose the incorrect statement	1	N	R	1	BorderLayout b = new BorderLayout(3,4);
37	Combobox is a combination of _____	1	N	R	1	TextField and Dropdown List
38	Components are added to which pane of swing JApplet .	1	N	R	1	ContentPane
39	constructors of Jseparator are	1	N	R	1	both i and ii
40	Container is the sub class of?	1	N	R	1	Component
41	Control not support by awt are	1	N	R	1	TabbedPane,Table
42	Current text of label can be obtained using _____.	1	N	R	1	getText ()
43	Deafult layout manager for Frame is _____.	1	N	R	1	BorderLayout
44	Default layout manager for panel is	1	N	R	1	FlowLayout
45	Default layout manager for Window is	1	N	R	1	Borderlayout
46	Default Layout of Frame	1	N	R	1	BorderLayout
47	Default orientation of progress bar is:	1	N	R	1	Horizontal
48	Double-buffering built in, tool tips, dockable tool bars, keyboard accelerators, custom cursors, etc. are new features of _____?	1	N	R	1	Swing
49	Each menu is associated with a _____ list of menu items	1	N	R	1	Drop-down
50	Every layout manager is an instance of _____.	1	N	R	1	the LayoutManager interface
51	Executable applet is nothing but _____ file of applet	1	N	R	1	.class

52	FileDialog is which kind of dialog box?	1	N	R	1	Modality
53	FlowLayout arranges components from	1	N	R	1	Left to Right
54	FlowLayout does not support this value of alignment...	1	N	R	1	FlowLayout.BASELINE
55	Font class is available in _____	1	N	R	1	java.awt package
56	For adding controls to a window, we use following method	1	N	R	1	add()
57	for using Swing control one must import _____ package	1	N	R	1	import javax.swing.*
58	Frame is a standard window, which is _____ of Window class from AWT hierarchy	1	N	R	1	sub class
59	getContentPane() method of which class	1	N	R	1	JApplet
60	getSelectedCheckbox() method of which class	1	N	R	1	CheckboxGroup
61	How can the Checkbox class be used to create a radio button in AWT?	1	N	R	1	By associating Checkbox objects with a CheckboxGroup
62	How do you change the current layout managers for a container?	1	N	R	1	Use the setLayout() method
63	How many checkboxes we can check at a time:	1	N	R	1	multiple
64	How To Apply Image To Button ?	1	N	R	1	Using ImageIcon
65	How would you set the color of a graphics context called g to cyan?	1	N	R	1	g.setColor(Color.cyan);
66	Identify the correct constructor of Font class?	1	N	R	1	Font( String name, int fontstyle,int pointsize)
67	Identify wrong constructor of Checkbox	1	N	R	1	None of Above
68	In applet, which of the following tag is used for accepting user defined parameter?	1	N	R	1	Param
69	In AWT Checkbox class is used to create _____	1	N	R	1	Checkbox and Radio buttons
70	In AWT Radio buttons are created using _____	1	N	R	1	CheckBoxLayout
71	In FlowLayout manager the default space between each component is	1	N	R	1	5 Pixel
72	In Graphics class Which method is used to set the graphics current color to the specified color?	1	N	R	1	public abstract void setColor(Color c)
73	In how many ways we can define the scrollbar?	1	N	R	1	All of the above
74	In Swing Buttons are the subclasses of which class?	1	N	R	1	AbstractButton
75	In Swing the content pane can be obtained via method _____	1	N	R	1	getContentPane()
76	In Swing _____ is a component that displays rows and columns of data.	1	N	R	1	table
77	In Swing, tables are implemented by the _____ class	1	N	R	1	JTable
78	Identify which is a valid constructor of MenuItem class?	1	N	R	1	MenuItem(String Itemname)
79	Items are added in JComboBox using method.....?	1	N	R	1	addItem()
80	JApplet class is Derived form	1	N	R	1	Applet
81	Java supports input/output of data through the classes included in the _____ package:	1	N	R	1	Java.io
82	JCheckBox is _____ Component	1	N	R	1	lightweight

83	JRadioButton is a subclass of _____.	1	N	R	1	AbstractButton
84	JTabbedPane class is present in which package?	1	N	R	1	javax.swing
85	Jtree class comes under which package	1	N	R	1	javax.swing
86	List can be created for multiple selection by using following constructor.	1	N	R	1	List(int num,boolean multiselect)
87	Model is the _____ of the MVC architecture.	1	N	R	1	bottom most level
88	mouse click will always generate _____ event?	1	N	R	1	MouseEvent
89	MutableTreeNode is extends _____ interface	1	N	R	1	TreeNode
90	MVC Architecture is	1	N	R	1	Model-View-Controller
91	Name the class used to represent a GUI application window, which is optionally resizable and can have a title bar, an icon, and menus	1	N	R	1	Frame
92	On which side applet always executed?	1	N	R	1	Client side
93	Package of drawString() method is	1	N	R	1	java.awt
94	Panel is defined as	1	N	R	1	All of above
95	Panel is used for _____ components	1	N	R	1	Grouping
96	Plugable Look & Feel is the feature of	1	N	R	1	Swing
97	Positions the componenets into five regions: east,west,north,south,center	1	N	R	1	BorderLayout
98	Program which executes applet is known as _____	1	N	R	1	Appletviewer
99	public class MenuBar extends _____	1	N	R	1	MenuComponent
100	Scrollbar( ) creates a _____ scroll bar by default.	1	N	R	1	Vertical
101	Select the proper constructor of FileDialog	1	N	R	1	FileDialog(Frame parent, String boxName)
102	Select the proper syntax to addcomponent in an applet	1	N	R	1	Component add(Component comoObj)
103	setBorder() method is used to set a border for _____?	1	N	R	1	Jcomponent
104	setMenuBar() method of which class	1	N	R	1	Frame
105	State true of false i) AWT is an extended version of swing ii) Paint( ) of Applet class cannot be overridden	1	N	R	1	i-false, ii-false
106	Swing components are	1	N	R	1	lightweight and platform independent
107	swing is the set of _____ that provides more powerful & flexible components as compare to AWT.	1	N	R	1	Classes
108	Text field usually called as	1	N	R	1	edit control
109	TextField class is used for _____	1	N	R	1	Single-Line text-entry area
110	The Applet class is in .....package	1	N	R	1	java.applet
111	The AWT container is an instance of the _____ class which holds various components and other containers	1	N	R	1	Container
112	The CardLayout class defines the following constructors:	1	N	R	1	CardLayout() // First Cardlayout(int hor, int ver) //second
113	The CardLayout class manages the components in such a manner that	1	N	R	1	Only one

	_____component is visible at a time					
114	The concept of the menu bar can be implemented by using three java classes—	1	N	R	1	All of these
115	The coordinate of the upper-left corner of a frame is _____.	1	N	R	1	(0, 0)
116	The correct hierarchy for panel is	1	N	R	1	Component-Container-Panel
117	The default layout manager for the content pane of a swing based applet is	1	N	R	1	Border-Layout
118	The following specifies the advantages of It is lightweight. It supports pluggable look and feel. It follows MVC (Model View Controller) architecture.	1	N	R	1	Swing
119	The method drawRect() is used to display an _____	1	N	R	1	outlined rectangle
120	The method setLabel can be used with what type of Object ?	1	N	R	1	TextField.
121	The method _____ gets the text of the button jtb is	1	N	R	1	jtb.getText( )
122	the method _____ places a menu mu into a menu bar mb.	1	N	R	1	mb.add(mu)
123	The method _____ sets the foreground color to yellow in JFrame	1	N	R	1	f.setForeground (Color.YELLOW)
124	The method _____ creates a ImageIcon for file c:\image\us.gif	1	N	R	1	new ImageIcon(&quot;c:\image\us.gif&quot;);
125	The method _____ gets the text (or caption) of the label jlbl	1	N	R	1	jlbl.getText()
126	The setBackground() method is part of the following class in java.awt package:	1	N	R	1	Component
127	The string parameter to the JButton constructor	1	N	R	1	tells what text will appear on the button
128	The Swing component classes that are used in encapsulate a mutually exclusive set of buttons are?	1	N	R	1	ButtonGroup
129	The syntax for drawRect() method is	1	N	R	1	drawRect(int top, int left, int width, int height)
130	The TextArea controls create a _____ respectively.	1	N	R	1	Multi-line text
131	the various Control Supported by AWT are	1	N	R	1	All of these
132	The various controls supported by swing are:	1	N	R	1	all of the above
133	The _____ arranges components in rows and columns and makes all components the same size.	1	N	R	1	GridLayout manager
134	The _____ interface is used to handle button events:	1	N	R	1	ActionListener
135	The _____ class is used to create radio button in AWT	1	N	R	1	CheckboxGroup
136	The _____ Can be used to enter or display a string	1	N	R	1	textfield
137	These four methods commonly used in? 1)public void add(Component c) 2)public void setSize(int width,int height) 3)public void setLayout(LayoutManager m) 4)public void setVisible(boolean)	1	N	R	1	Component class
138	To create window with title bar which of the following class is used?	1	N	R	1	Frame
139	To create file dialog box _____ class is used	1	N	R	1	FileDialog

140	To display text on the applet _____ method is used.	1	N	R	1	drawString()
141	To draw a line in applet, we use following method	1	N	R	1	drawLine()
142	To fetch caption of button _____ method is used.	1	N	R	1	getLabel( )
143	To retrieve the current state of a check box,call _____	1	N	R	1	getState()
144	To set title to the frame window _____ method is used.	1	N	R	1	void setTitle(String str)
145	We can add menus to _____	1	N	R	1	Frames
146	What are controls or components?	1	N	R	1	Controls or components allow users to interact with application
147	What are the TextComponent ?	1	N	R	1	TextField , TextArea
148	What Are The Types of Dialogbox ?	1	N	R	1	modal and Modeless Dialogbox
149	What are the variables defined in Dimension	1	N	R	1	height and width
150	What Checkbox method allows you to tell if a Checkbox is checked?	1	N	R	1	getState()
151	What does the following line of code do? TextField text = new TextField(10);	1	N	R	1	Creates text object that can hold 10 columns of text.
152	What is API	1	N	R	1	Application Programming Interface
153	What is default alignment of components using FlowLayout	1	N	R	1	FlowLayout.CENTER
154	what is default layout manager for panels and applets	1	N	R	1	FlowLayout
155	What is the default layout for a dialog?	1	N	R	1	BorderLayout
156	What is the difference between a TextArea and a TextField?	1	N	R	1	A TextArea can handle multiple lines of text
157	What is the minimum and maximum of JProgressBar	1	N	R	1	minimum -0 Maximum -100
158	What is the use of following method in JDialog? Container getContentPane()	1	N	R	1	This method returns,a Content Pane for the JDialog.
159	What is use of 3rd parameter in given constructor Scrollbar(int,int,int,int,int)	1	N	R	1	Thumbsize
160	What is use of second parameter in given constructor Label(String,int)	1	N	R	1	sepcifies the alignment of text in label in terms of pixel
161	what layout manager should you use so that every component occupies the same size in the container?	1	N	R	1	GridLayout
162	What letter precedes Swing component names that have a corresponding AWT component?	1	N	R	1	J
163	What method is used to prevent a user from changing the size of a Frame() object?	1	N	R	1	setResizable( false )
164	What methods are used to get and set the text label displayed by a Button object?	1	N	R	1	getLabel( ) and setLabel( )
165	When DialogBox is closed which method gets called	1	N	R	1	dispose()
166	When layout manager is disabled , which method is used to determine the shape and position of Component?	1	N	R	1	setBounds
167	When we invoke repaint() for a java.awt.Component object, the AWT invokes the method:	1	N	R	1	update()

168	which method is used to set the visibility of the frame?	1	N	R	1	1.setVisible(true)
169	which package we need to import while writng swing JRadioButton class	1	N	R	1	import javax.swing.*;
170	Which abstract class is the super class of all menu related classes.	1	N	R	1	MenuItem
171	Which Among the below is not an AWT class	1	N	R	1	RadioButton
172	Which are the Alignment Constant of Label ?	1	N	R	1	All The Above
173	Which are the subclasses of the container class?	1	N	R	1	Window,Panel,ScrollPane.
174	Which AWT component is not editable?	1	N	R	1	Label
175	Which AWT control is used for multi-line text entry?	1	N	R	1	TextArea
176	Which class can be used to represent a checkbox with a textual label that can appear in a menu.	1	N	R	1	CheckboxMenuItem
177	Which class creates a node in Jtree?	1	N	R	1	DefaultMutableTreeNode
178	Which class defines the setSize( ) method ?	1	N	R	1	Frame
179	Which class encapsulates a blank window upon which we can draw?	1	N	R	1	Canvas
180	Which class is on the top of the AWT event hierarchy?	1	N	R	1	java.awt.AWTEvent
181	Which class is used to create a pop-up list of items from which the user may choose?	1	N	R	1	Choice
182	Which Class is used to get dimension of an Applet?	1	N	R	1	Dimension
183	Which class is used to represent a single line textbox with password character facility?	1	N	R	1	TextField
184	Which class provides many methods for graphics programming?	1	N	R	1	java.awt.Graphics
185	Which component cannot be added to a container?	1	N	R	1	JFrame
186	Which component displays information in hierarchical manner with parent-child relationship?	1	N	R	1	JTree
187	Which component in swing represents data in rows and columns?	1	N	R	1	JTable
188	Which Component of AWT provides a compact, multichoice , scrolling selection?	1	N	R	1	List
189	Which components are needed to get following shown output Figure :- 	1	Y1	R	1	Label,TextField
190	which Container use a Border Layout as their default layout?	1	N	R	1	All of the above

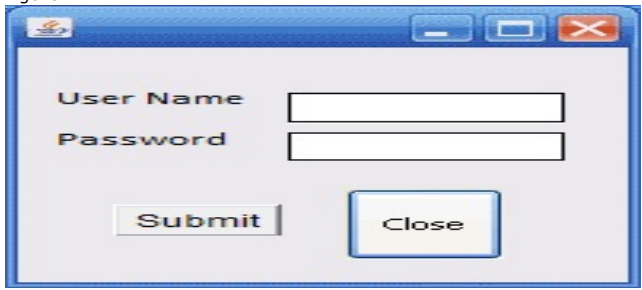
191	Which containers may have a MenuBar?	1	N	R	1	Frame
192	Which control is not contain in AWT Package ?	1	N	R	1	Scrollpane
193	Which h costructor creates a TextArea with 10 rows and 20 columns ?	1	N	R	1	new TextArea(10 , 20 )
194	Which is Controll in swing a combination of a text field and a dropdown list	1	N	R	1	JComboBox
195	Which is correct method for adding button component into North region of border layout? Assume b1 as button object .	1	N	R	1	add(b1, BorderLayout.NORTH)
196	which is default layout Manager for Japplet?	1	N	R	1	BorderLayout
197	Which is immediate super class for TextField?	1	N	R	1	TextComponent
198	Which is the a constructor of JTabbed Pane	1	N	R	1	Both option A and B
199	Which is the correct constructor for JProgressBar	1	N	R	1	All of the above
200	Which is the correct constructor of GridLayout	1	N	R	1	GridLayout(int numRows, int numcols)
201	Which is the immediate super class of Applet?	1	N	R	1	Panel
202	Which is the method is used to count the number of items in the list	1	N	R	1	getItemCount()
203	Which is true about swing?	1	N	R	1	All the above
204	Which is various methods of TextField control from following?	1	N	R	1	getText(),setText(),setEchoChar()
205	Which layout arranges the components as a deck of cards such that only one component is visible at a time	1	N	R	1	CardLayout
206	Which layout should you use to organize the components of a container in a tabular form?	1	N	R	1	GridLayout
207	Which method exectues only once	1	N	R	1	init() method
208	Which method gets the text associated with Label object jlbl?	1	N	R	1	jlbl.getText()
209	Which method Is used to add items to JComboBox	1	N	R	1	addItem()
210	Which method is used to add tabs to a JTabbedPane?	1	N	R	1	addTab()
211	Which method is used to change size and position of Components?	1	N	R	1	void setBounds(int x,int y,int width,int height)
212	Which method is used to change the name of a menu item	1	N	R	1	void setLabel(String newName)
213	Which method is used to close a swing frame?	1	N	R	1	setDefaultCloseOperation()
214	Which method is used to display Label on checkbox?	1	N	R	1	String getLabel()
215	Which method is used to set label for Button B ?	1	N	R	1	B.setLabel(String s)
216	Which method is used to set the dimensions of the window.	1	N	R	1	void setSize(int newWidth, int newHeight)
217	Which method is used to set the layout of the Applet?	1	N	R	1	setLayout();
218	Which method sets the size and position of a component	1	N	R	1	setBounds()
219	Which method will cause a Frame to be displayed?	1	N	R	1	setVisible( true)
220	Which object can be constructed to show and select any number of choices in the visible window?	1	N	R	1	List
221	Which of the following applet tags is legal to embed an applet class named Test into a Web page?	1	N	R	1	&lt; applet code = Test.class width = 200 height = 100&gt;&lt;/applet&gt;

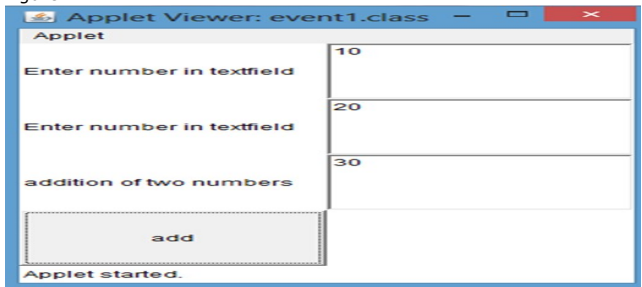


222	Which of the following are not swing component?	1	N	R	1	both a & b
223	Which of the following are passed as an argument to the paint( ) method?	1	N	R	1	A Graphics object
224	Which of the following are subclasses of Container Class?	1	N	R	1	ScrollPane,Vector,String
225	Which of the following are subclasses of java.awt.Component?	1	N	R	1	Container
226	Which of the following are true?	1	N	R	1	Panel extends Container.
227	which of the following class is Derived from Container Class?	1	N	R	1	Panel
228	Which of the following class act as a super class in class hierachy?	1	N	R	1	Component
229	Which of the following components allow multiple selections?	1	N	R	1	List
230	Which of the following components does not have visible borders?	1	N	R	1	Panel
231	Which of the following contain a Menubar?	1	N	R	1	A Frame
232	Which of the following controls does not support interaction with user?	1	N	R	1	Label
233	Which of the following creates a List with 5 visible items and multiple selection enabled?	1	N	R	1	new List(5, true)
234	which of the following is not a AWT control.	1	N	R	1	ButtonGroup
235	Which of the following is not a constructor of JTree	1	N	R	1	JTree(int x)
236	Which of the following is not a swing class?	1	N	R	1	Canvas
237	Which of the following is not active control	1	N	R	1	labels
238	Which of the following is not an AWT component	1	N	R	1	Applet
239	Which of the following is not true about Dialog Boxes?	1	N	R	1	Dialog boxes contains menu bars.
240	Which of the following is not true about Swing Components?	1	N	R	1	Heavy weight components
241	Which of the following is not valid alignment constant for Label?	1	N	R	1	MIDDLE
242	Which of the following is not valid constructor for JCheckBox?	1	N	R	1	JCheckBox(String text, boolean selected, CheckboxGroup group)
243	Which of the following is not valid style constant for Font?	1	N	R	1	NORMAL
244	Which of the following is passive AWT control?	1	N	R	1	Label
245	Which of the following is the immidiate superclass of the MenuComponent class?	1	N	R	1	Object
246	Which of the following is true about AWT and Swing Component?	1	N	R	1	AWT Components create a process where as Swing Component create a thread
247	Which of the following is used to interpret and execute Java Applet Classes hosted by HTML ?	1	N	R	1	Appletviewer
248	Which of the following layout managers need to create a Panel?	1	N	R	1	CardLayout
249	Which of the following may a menu contain?	1	N	R	1	menu
250	Which of the following may contain a menu bar?	1	N	R	1	frame
251	Which of the following method is use to add a button "b" to the south of the applet using BorderLayout?	1	N	R	1	add(b,BorderLayout.SOUTH);
252	Which of the following method is used to change the Label caption?	1	N	R	1	setText(String s)


253	Which of the following method is used to retrieve icon of JButton	1	N	R	1	Icon getIcon()
254	Which of the following methods are invoked by the AWT to support paint and repaint operations?	1	N	R	1	repaint( )
255	Which of the following methods can be used to change the size of a java.awt.Component object?	1	N	R	1	setSize()
256	Which of the following methods can be used to remove java.awt component object from display?	1	N	R	1	remove()
257	Which of the following statements about GUI components is wrong ?	1	N	R	1	The AWT classes are deprecated
258	Which of the following statements is for placing the frames upper left corner to (200,100)?	1	N	R	1	frame.setLocation(200,100)
259	Which of the following swing components do not have an Icon parameter in its constructor?	1	N	R	1	JTextField
260	Which of the following is constructor of Jtable?	1	N	R	1	JTable(Object data[][], Object colHeads[])
261	Which of the method can be used to output a string in an applet?	1	N	R	1	drawString()
262	Which of the method Choice class returns a string containing the name of the item.	1	N	R	1	String getSelectedItem()
263	Which of the subclasses of java.awt.component?	1	N	R	1	Container classes
264	Which Of these Component can be added to frame?	1	N	R	1	All of the Above
265	Which of these following is not a component of swing	1	N	R	1	List
266	Which of these method cannot be called on JLabel object?	1	N	R	1	setBorderLayout()
267	Which of these methods can be used to obtain the reference to the container that generated a ContainerEvent?	1	N	R	1	getContainer()
268	Which of these methods can be used to output a string in an applet?	1	N	R	1	drawString()
269	Which of these methods cannot be called on JLabel object?	1	N	R	1	setBorderLayout()
270	Which of these methods cannot be called on TextArea?	1	N	R	1	String getItem(int index)
271	Which of these methods is used to setting the windows dimension	1	N	R	1	void setSize(Dimension new_size)
272	which of these methods use in cardlayout	1	N	R	1	add(String s, Component c)
273	Which of these package is used for graphical user interface ?	1	N	R	1	java.awt
274	Which of these packages contains all the classes and methods required for event handling in Java?	1	N	R	1	java.awt.event
275	Which one is the valid constructor of JCheckBox.	1	N	R	1	JCheckBox(String s, Icon I, Boolean State)
276	Which one method is used to set the visibility of the frame?	1	N	R	1	setVisible(true)
277	Which package use for import the swing components?	1	N	R	1	javax.swing.*;
278	Which TextComponent method is used to set a TextComponent to the read-only state?	1	N	R	1	setEditable
279	which type of button is belongs to a group such that only one button in the group may be selected at one time?	1	N	R	1	CheckboxGroup
280	Which of these events is generated when a button is pressed?	1	N	R	1	B.) ActionEvent

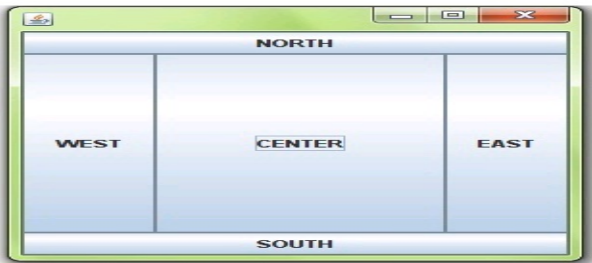
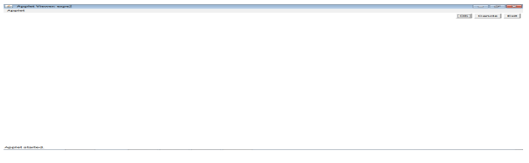
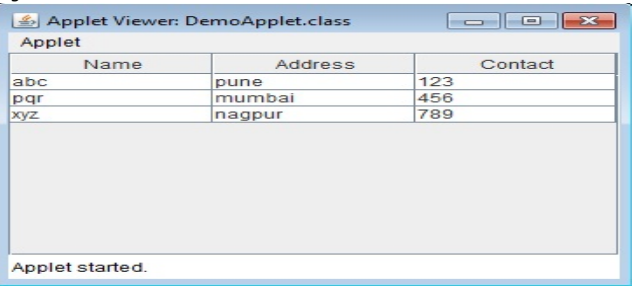
281	Why are swing component termed as lightweight ?	1	N	R	1	they do not depend on native platform
282	Why we use Applet?	1	N	R	1	Option A) and B) FROM this
283	Window is super class of _____	1	N	R	1	Frame
284	Window, frame and dialog use _____ as their default layout.	1	N	R	1	BorderLayout
285	You can construct a JTabbedPane using _____.	1	N	R	1	new JTabbedPane()
286	You Can set the alignment of the string within the label by calling _____	1	N	R	1	setAlignment()
287	You want to construct a text area that is 80 character-widths wide and 10 character-heights tall. What code do you use ?	1	N	R	1	new TextArea( 10,80)
288	_____ class used to create node in tree.	1	N	R	1	DefaultMutableTreeNode
289	_____ dialog box is active input is directed to it until it is closed.	1	N	R	1	Model
290	_____ is the Superclass of TextField and the TextArea classes:	1	N	R	1	TextComponent
291	_____ Positions are the components into five regions east, west, north , south, center:	1	N	R	1	BorderLayout
292	_____ is a Swing class that allows the user to enter a single line of text.	1	N	R	1	JTextField
293	_____ is a Swing layout manager that arranges components in a row or a column.	1	N	R	1	GridLayout
294	_____ method is used to add items in Combobox.	1	N	R	1	addItem()
295	_____ method is used to add the menubar on frame window .	1	N	R	1	setMenuBar()
296	_____ method returns currently selected item in choice.	1	N	R	1	getSelectedItem( )
297	_____ can be used to enter and display a string	1	N	R	1	A TextField
298	_____ class is used to create set of mutually exclusive checkboxes.	1	N	R	1	CheckboxGroup
299	_____ Layout lays components in a Two Dimensional Grid	1	N	R	1	GridLayout
300	_____ arranges the component in rows and columns	1	N	R	1	GridLayout
301	_____ creates a dropdown list of textual entries	1	N	R	1	Choice
302	_____ this is constructor of List control	1	N	R	1	List(int numRows, boolean multipleSelect)
303	_____ contols are platform dependant	1	N	R	1	AWT
304	_____ lays out components in a two dimensional grid	1	N	R	1	GridLayout
305	_____ AWT component is used to create popup list of string items from which only one can be selected at a time.	1	N	R	1	Choice
306	_____ class is used to display hierarchical data.	1	N	R	1	JTree
307	_____ class creates blank sementics free window	1	N	R	1	Canvas
308	_____ is not a Swing Component	1	N	R	1	CheckboxGroup
309	_____ is the default layout manager for APPLET.	1	N	R	1	FlowLayout
310	_____ class encapsulates AWT events.	1	N	R	1	AWTEvent

311	_____ Constructs a new scroll bar with the specified orientation.	1	N	R	1	Scrollbar(int)
312	_____ component may have different size rows may have different number of columns.	1	N	R	1	GridLayout
313	_____ method is used to append the string str to end of the current text.	1	N	R	1	append ()
314	_____ method is used to add a tab to the pane.	1	N	R	1	addTab ()
315	.....are responsible for placing components on a window	1	N	R	1	LayoutManagers
316	..... method is used to lock text box components.	1	N	R	1	setEditable(boolean flag)
317	A checkbox is a control that consist of a :	1	N	R	1	Both a & b
318	Most Swing components are _____ components because they are rendered and drawn entirely by Java code.	1	N	R	1	lightweight
319	Figure:- 	1	Y1	A	2	<pre>public class HelloSwing {     public HelloSwing() {         JLabel l1 = new JLabel("User Name");         JLabel l2 = new JLabel("Password");         JTextField t1 = new JTextField();         JTextField t2 = new JTextField();         JButton b1 = new JButton("Submit");         JButton b2 = new JButton("Close");     } }</pre>
320	The Jtable used to display data in form of?	1	N	U	2	JTable object displays rows and columns of data.
321	Which method is used to display icon on a Button?	1	N	U	2	setIcon(ImageIcon i)
322	<pre>//Find out the error. import javax.swing.JFrame; import javax.swing.JTree; import javax.swing.SwingUtilities; import javax.swing.tree.DefaultMutableTreeNode; public class TreeExample extends JApplet { JTree tree; public void init() { DefaultMutableTreeNode root = new DefaultMutableTreeNode("Root"); DefaultMutableTreeNode vegetableNode = new DefaultMutableTreeNode("Vegetables"); DefaultMutableTreeNode fruitNode = new DefaultMutableTreeNode("Fruits"); root.add(vegetableNode); root.add(fruitNode); tree = new JTree(); add(tree); } } /*&lt;applet code="TreeExample" width=300 height=300&gt;&lt;/applet&gt;*/</pre>	1	N	A	2	Error in statement in which JTree is created
323	<pre>//Identify the correct output for the given code. import java.awt.*; import java.applet.*; /*&lt;applet code="LabelDemo" width=300 height=200&gt;&lt;/applet&gt;*/ public class MyApplet extends Applet { public void init() { Label one = new Label("One"); Button submit = new Button("Submit"); TextField enter = new TextField(); add(one); add(submit); add(enter); } }</pre>	1	Y2	A	2	
	<pre>//Identify the error import java.awt.*; import javax.swing.*; /*&lt;applet code="JTableDemo" width=400 height=200&gt;&lt;/applet&gt;*/ public class JTableDemo extends JApplet { public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new</pre>					

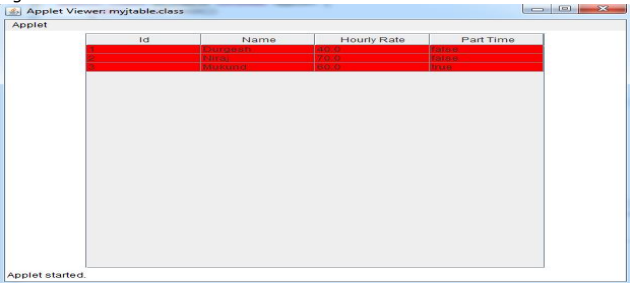
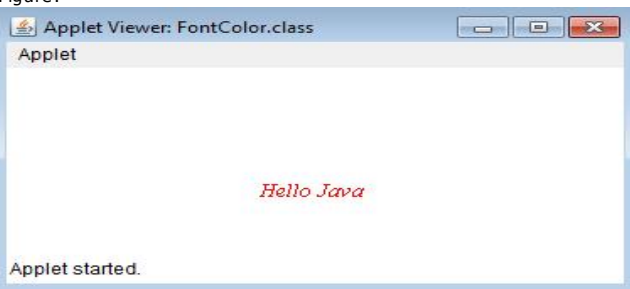
324	<pre>BorderLayout()); final String[] colHeads = { "Roll No", "Name", "Branch" }; final Object[][] data = { { "11","Mayur", "CO" }, { "22","Ritesh", "IF" }, { "33", "Rahul", "CM" } }; JTable table = new JTable(data); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPane jsp = new JScrollPane(table, v, h); contentPane.add(jsp, BorderLayout.CENTER); } }</pre>	1	N	A	2	Error in statement in which JTable is created
325	<pre>//Select the correct option for the following code. import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet&gt;*/ public class scrolldemo extends Applet implements AdjustmentListener { Scrollbar s1,s2,s3; TextField r,g,b; Color c; public void init() { s1=new Scrollbar(Scrollbar.HORIZONTAL,0,0,0,256); s2=new Scrollbar(Scrollbar.HORIZONTAL,0,0,0,256); s3=new Scrollbar(Scrollbar.HORIZONTAL,0,0,0,256); r=new TextField(5); g=new TextField(5); b=new TextField(5); add(s1); add(r); add(s2); add(g); add(s3); add(b); s1.addAdjustmentListener(this); s2.addAdjustmentListener(this); s3.addAdjustmentListener(this); } public void adjustmentValueChanged(AdjustmentEvent ae) { r.setText(Integer.toString(s1.getValue())); g.setText(Integer.toString(s2.getValue())); b.setText(Integer.toString(s3.getValue())); c=new Color(s1.getValue(),s2.getValue(),s3.getValue()); setBackground(c); } }</pre>	1	N	A	2	background with combination of r,g and b.
326	<p>1. Which components are used in the following output? Figure:-</p> 	1	Y1	U	2	Label, TextField, Button
327	<pre>1.import java.awt.*; 2.import java.applet.*; 3.public class sample3 extends Applet 4.{ 5.public void init() 6.{ 7.Choice country=new Choice(); 8.country.add("india"); 9.country.add("america"); 10.country.add("shrilanka",true); 11.country.add("japan"); 12.add(country); 13.} 14.}</pre>	1	N	A	2	Line number 10
	<pre>1.public class sample5 extends Applet 2.{ 3.public void init() 4.{ 5.//CheckboxGroup cg=new CheckboxGroup(); 6.Checkbox c1,c2,c3,c4;</pre>					

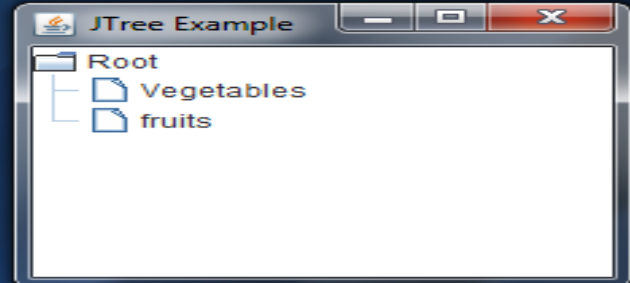


328	7.c1=new Checkbox("maths",true); 8.c2=new Checkbox("physics",false); 9.c3=new Checkbox("science",false); 10.c3=new Checkbox("computer",true); 11.add(c1); 12.add(c2); 13.add(c3); 14.add(c4); 15 .} 16. }	1	N	A	2	Line number 14
329	1.Which is missing statement in following program? import java.awt.*; import java.applet.*; import java.util.*; /* <applet code="BorderLayoutDemo" width=400 height=200> </applet> */ public class BorderLayoutDemo extends Applet { public void init() { add(new Button("north."),BorderLayout.NORTH); add(new Button("south"),BorderLayout.SOUTH); add(new Button("Right"), BorderLayout.EAST); add(new Button("Left"), BorderLayout.WEST); String msg = "this is in center"; add(new TextArea(msg), BorderLayout.CENTER); } }	1	N	A	2	setLayout(new BorderLayout())
330	2. Consider the following program. Find which statement contains error.import java.awt.*; import javax.swing.*; /* <applet code="JTableDemo" width=400 height=200> </applet> */ public class JTableDemo extends JApplet { public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new BorderLayout()); final Object[][] data = { { "Ramesh", "111", "50000" }, 15 { "Sagar", "222", "52000" }, { "Virag", "333", "40000" }, { "Amit", "444", "62000" }, { "Anil", "555", "60000" }, }; JTable table = new JTable(data,colHeads); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPanejsp = new JScrollPane(table, v, h); contentPane.add(jsp, BorderLayout.CENTER); } }	1	N	A	2	A. Error in statement in which JTable is created
331	2. What is the purpose of JTable?	1	N	U	2	JTable object displays rows and columns of data.
332	2.What should be written in blank space. import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="CBGroup" width=250 height=200> </applet> */ public class CBGroup extends Applet { String msg = ""; Checkbox Win98, winNT; CheckboxGroup cbg; public void init() { cbg = new CheckboxGroup(); Win98 = new Checkbox("Windows 98/XP", , true); winNT = new Checkbox("Windows NT/2000", , false); add(Win98); add(winNT); Win98.addItemListener(this); winNT.addItemListener(this); } }	1	N	A	2	cbg
333	3. Observe the following code and find which statement contains error.import java.awt.*; import javax.swing.*; import java.awt.event.*; import java.applet.*; import javax.swing.event.*; public class ttp extends JApplet implements ActionListener { JButton jb=new JButton("click me"); JTextField text=new JTextField(20); public void init() { Container cp=getContentPane(); cp.setLayout(new FlowLayout()); jb.setToolTipText("this is button control"); add(jb); add(text); text.addActionListener(this); } public void actionPerformed(ActionEvent e) { text.setText("hello tyco"); } }	1	N	A	2	C.Error in adding and registering listener to the component.
334	3. Select the proper command to run the following code import java.awt.*; import java.awt.event.*; import javax.swing.*; import java.applet.*; /* <applet code="combodemo11" width=300 height=100> </applet> */ public class combodemo11 extends JApplet { public void init() { Container co = getContentPane(); co.setLayout(new FlowLayout()); JComboBoxjc=new JComboBox(); jc.addItem("cricket"); jc.addItem("football"); jc.addItem("hockey"); jc.addItem("tennis"); co.add(jc); } }	1	N	A	2	appletviewer combodemo11.java
	4.To create a Following output which control is required.					


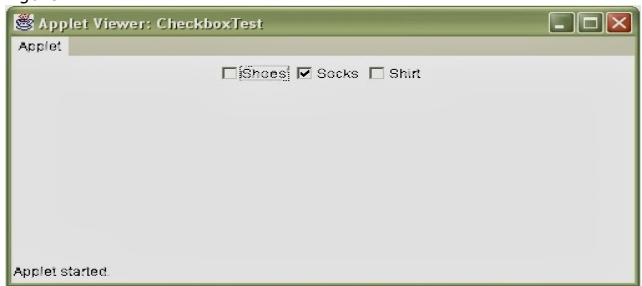

335	Figure:- 	1	Y1	U	2	2 Label, 1 Button
336	A JFrame supports three operations when the user closes the window. Which of the choices below is not one of the three:	1	N	U	2	LOWER_ON_CLOSE
337	A menu bar represents	1	N	U	2	A list of menus which can be added to the top of a top-level window
338	A Swing component can be viewed based on what state it's in, how it looks, and what it does. This is known as the model-view- _____ model.	1	N	U	2	Controller
339	A toggle button looks just like a push button, but it acts differently because _____..	1	N	U	2	it has two states: enabled and disabled
340	A user want's to create an Applet with menubar consisting three menu items and one checkable menu item select correct coding?	1	N	A	2	<pre>. import java.awt.*; import java.applet.*; /*&amp;lt;applet code=&amp;quot;Demo.class&amp;quot;;width=200 height=200&amp;gt;*/ public class Demo extends Applet { public void init(){ MenuBar mbr=new MenuBar(); setMenuBar(mbr); Menu m=new Menu("File"); MenuItem i1=new MenuItem("New"); MenuItem i2=new MenuItem("Run"); MenuItem i3=new MenuItem("build"); CheckboxMenuItem i4=new CheckboxMenuItem("&amp;quot;hello&amp;quot;"); m.add(i1); m.add(i2); m.add(i3); m.add(i4); mbr.add(m); add(mbr); } }</pre>
341	All java classes are derived from	1	N	U	2	java.lang.Object
342	An Applet has its Layout Manager set to the default of FlowLayout. What code would be the correct to change to another Layout Manager?	1	N	A	2	setLayout(new GridLayout(2,2));
343	Analyse the following code import javax.swing.*; Import javax.swing.border.*; Import java.awt.*; Public class Test extends JFrame { Public Test() { Border border=new TitledBorder("My button"); JButton jbt1=new JButton("OK"); JButton jbt2=new JButton("Cancel"); Jbt1.setBorder(border); Jbt2.setBorder(border); Add(jbt1, BorderLayout.NORTH); Add(jbt2, BorderLayout.NORTH); } Public static void main(String [] args){ JFrame frame=new Test(); Frame.setSize(200,100); Frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); Frame.setVisible(true); } }	1	N	A	2	The program has compile error.
344	Analyse the following code? import javax.swing.*; import java.awt.*; public class Test extends JFrame { public Test() { setLayout(new FlowLayout()); add(new JButton("Java")); add(new JButton("Java")); add(new JButton("Java")); add(new JButton("Java")); } public static void main(String [] args) { JFrame frame = new Test(); frame.setSize(200,100); frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); frame.setVisible(true); } }	1	N	A	2	Four buttons are displayed with the same text &quot;Java&quot;
345	Arranges the compents as a deck of cards such that only one	1	N	U	2	B.CardLayout

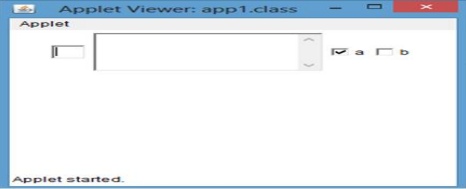
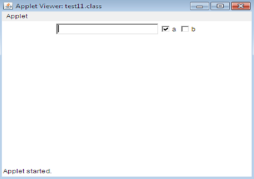
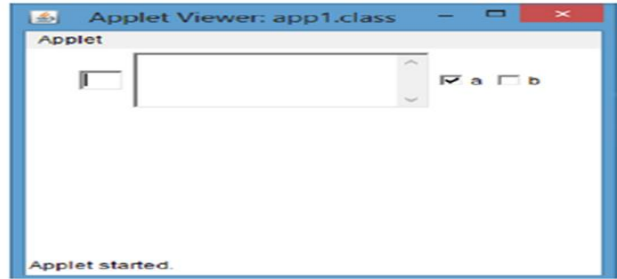
	component is visible at a time					
346	<p>Below show the figure matches with respect to output Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; /*&amp;lt;applet code=&amp;quot;Border.class&amp;quot; width=300 height=300&amp;gt; */ public class Border extends Applet{ public void init() { BorderLayout br=new BorderLayout(); setLayout(br); Button b1=new Button(&amp;quot;NORTH&amp;quot;); Button b2=new Button(&amp;quot;SOUTH&amp;quot;); Button b3=new Button(&amp;quot;EAST&amp;quot;); Button b4=new Button(&amp;quot;WEST&amp;quot;); Button b5=new Button(&amp;quot;CENTER&amp;quot;); add(b1,BorderLayout.NORTH); add(b2,BorderLayout.SOUTH); add(b3,BorderLayout.EAST); add(b4,BorderLayout.WEST); add(b5,BorderLayout.CENTER); } }</pre>
347	Button control implements following Listener interface?	1	N	A	2	ActionListener
348	By which method You can set or change the text in a Label?	1	N	U	2	setText()
349	<p>Choose correct sequence of code for given output Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; /*&amp;lt;applet code=&amp;quot;expe2.class&amp;quot; width=300 height=300&amp;gt; */ public class expe2 extends Applet { Button lbl; Button lbl1; Button lbl2; public void init() { setLayout(new FlowLayout(FlowLayout.RIGHT)); lbl=new Button(&amp;quot;OK&amp;quot;); lbl1=new Button(&amp;quot;Cance&amp;quot;); lbl2=new Button(&amp;quot;Exit&amp;quot;); add(lbl); add(lbl1); add(lbl2); } }</pre>
350	<p>Choose missing statements in following code from given options.  import java.awt.*; import java.applet.*; /* &lt;applet code="Ellipses" width=300 height=200 &gt; &lt;/applet&gt; */ public class Ellipses extends Applet { { g.drawOval(10, 10, 50, 50); g.fillOval(100, 10, 75, 50); g.drawOval(190, 10, 90, 30); g.fillOval(70, 90, 140, 100); } }</p>	1	N	A	2	public void paint(Graphics g)
351	<p>Choose the correct code to display the following output. Figure:-</p> 	1	Y1	A	2	<pre>import javax.swing.*; import java.awt.*; /*&amp;lt;applet code=&amp;quot;DemoApplet.class&amp;quot; width=300 height=300&amp;gt; */ public class DemoApplet extends JApplet { JScrollPane jsp; JTable table; Container c; public void init() { c = this.getContentPane(); this.setLayout(new BorderLayout()); final String colhead[]={&amp;quot;Name&amp;quot;,&amp;quot;Address&amp;quot;,&amp;quot;Contact&amp;quot;}; final Object data[][]={ {&amp;quot;abc&amp;quot;,&amp;quot;pune&amp;quot;,&amp;quot;123&amp;quot;}, {&amp;quot;pqr&amp;quot;,&amp;quot;mumbai&amp;quot;,&amp;quot;456&amp;quot;}, {&amp;quot;xyz&amp;quot;,&amp;quot;nagpur&amp;quot;,&amp;quot;789&amp;quot;}}; table=new JTable(data,colhead); int v=ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h=ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; jsp=new JScrollPane(table,v,h); c.add(jsp,BorderLayout.CENTER); } }</pre>

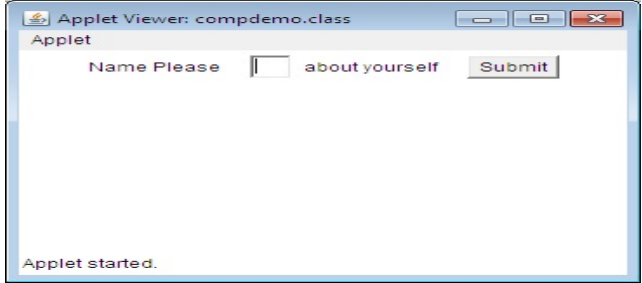
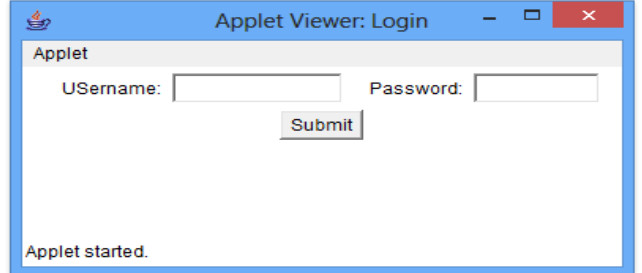


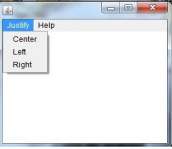
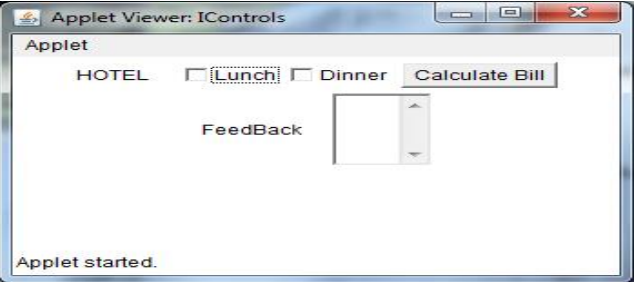
352	<p>Choose the correct missing statement from the given code</p> <pre>import java.awt.*; import java.io.*; import java.awt.event.*; import java.applet.*; class Myframe extends Frame { Myframe(String title) { super(title); } public void paint(Graphics g) { g.drawString("This is frame window",120,150); } } public class Myframeapplet extends Applet //implements windowListener { public void init() { f1=new Myframe("Frame window"); f1.setSize(350,350); //f1.setLocation(450,450); f1.setVisible(true); //f1.addWindowListener(this); } public void start() { f1.setVisible(true); } public void stop() { f1.setVisible(false); } public void paint(Graphics g) { g.drawString("This ia a applet window",10,50); } } /*&lt;applet code="Myframeapplet" width=1000 height=1000&gt; &lt;/applet&gt;*/</pre>	1	N	A	2	Myframe f1;
353	<p>Choose the correct Program for the following output</p> <p>Figure:-</p> 	1	Y1	A	2	<pre>import java.applet.Applet; import java.awt.Color; import javax.swing.JFrame; import javax.swing.JScrollPane; import javax.swing.JTable; public class myjtable extends Applet { public void init() { String[] columns = new String[] {&amp;quot;Id&amp;quot;, &amp;quot;Name&amp;quot;, &amp;quot;Hourly Rate&amp;quot;,&amp;quot;Part Time&amp;quot;}; } }</pre>
354	<p>Choose the correct Program for the following output</p> <p>Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*;import java.applet.*; //&amp;lt;applet code=&amp;quot;FontColor&amp;quot; width=200 height=200&amp;gt; //&amp;lt;/applet&amp;gt; public class FontColor extends Applet { Font f=new Font(&amp;quot;Times New Roman&amp;quot;,&amp;Font.ITALIC,14); public void init() { setFont(f); } public void paint(Graphics g) { g.setColor(Color.red); g.drawString(&amp;quot;Hello Java&amp;quot;,150,100); } }</pre>
355	<p>Choose the correct Program for the following output</p> <p>Figure:-</p>	1	Y1	A	2	<pre>import javax.swing.JFrame; import javax.swing.JTree; import javax.swing.SwingUtilities; import javax.swing.tree.DefaultMutableTreeNode; public class TreeExample extends JFrame { private JTree tree; public TreeExample() { //create the root node DefaultMutableTreeNode root = new DefaultMutableTreeNode(&amp;quot;Root&amp;quot;); //create the child nodes DefaultMutableTreeNode vegetableNode = new DefaultMutableTreeNode(&amp;quot;Vegetables&amp;quot;); DefaultMutableTreeNode fruitNode = new DefaultMutableTreeNode(&amp;quot;fruits&amp;quot;); //add the child nodes to the root node root.add(vegetableNode); root.add(fruitNode); //create the tree by</pre>

					<pre> passing in the root node tree = new JTree(root); add(tree); this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); this.setTitle(&amp;quot;JTree Example&amp;quot;); this.pack(); this.setVisible(true); } public static void main(String[] args) { SwingUtilities.invokeLater(new Runnable() { @Override public void run() { new TreeExample(); } }); } } </pre>
356	<p>Choose the correct program to get the following output Figure:-</p> 	1	Y1	A	<pre> import java.awt.*; import javax.swing.*; import java.applet.*; /* &amp;lt;applet code=&amp;quot;ComboDemo11&amp;quot; width=300 height=100&amp;gt; &amp;lt;/applet&amp;gt; */ public class ComboDemo11 extends JApplet { public void init() { setLayout(null); Container co = getContentPane(); String sports[]= {&amp;quot;cricket&amp;quot;,&amp;quot;football&amp;quot;,&amp;quot;hockey&amp;quot;,&amp;quot;tennis&amp;quot;}; JComboBox cb=new JComboBox(sports); cb.setBounds(50, 50,90,20); co.add(cb); } } </pre>
357	<p>Choose the correct sequence for the following output Figure:-</p> 	1	Y1	U	<pre> import java.applet.*; import java.awt.*; public class RadioButton1 { public static void main(String arg[]) { Frame fm=new Frame(&amp;quot;RadioButton Group&amp;quot;); Label la=new Label(&amp;quot;What is your choice:&amp;quot;); fm.setLayout(new GridLayout(0,1)); CheckboxGroup cg1=new CheckboxGroup(); fm.add(la); Checkbox cb1=new Checkbox(&amp;quot;MATH&amp;quot;;cg1,true); Checkbox cb2=new Checkbox(&amp;quot;PHYSICS&amp;quot;;cg1,false); Checkbox cb3=new Checkbox(&amp;quot;CHEMISTRY&amp;quot;;cg1,false); Checkbox cb4=new Checkbox(&amp;quot;ENGLISH&amp;quot;;cg1,false); fm.setVisible(true); fm.add(la); fm.add(cb1); fm.add(cb2); fm.add(cb3); fm.add(cb4); } } </pre>
	<p>Choose the correct sequence for the following output Figure:-</p>				<pre> import java.awt.*; import java.applet.*; /* &amp;lt;applet code=&amp;quot;Appl&amp;quot; </pre>

358		1	Y1	A	2	<pre>width=200 height=200&gt;&gt; &amp;lt;/applet&gt;*/ public class Appl extends Applet { public void init() { Button b1=new Button(&amp;quot;Button 1&amp;quot;); TextField tf = new TextField(); TextArea t1=new TextArea(3,20); Choice ch=new Choice(); ch.add(&amp;quot;India&amp;quot;); Checkbox c=new Checkbox(&amp;quot;a&amp;quot;);add(b1); add(tf); add(t1); add(c); add(ch); } }</pre>
359	<p>Choose the correct sequence for the following output Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; /* &amp;lt;APPLET Code=&amp;quot;CheckboxTest&amp;quot; Width=500 Height=200&gt;&gt; &amp;lt;/APPLET&amp;gt; */ public class CheckboxTest extends Applet { public void init( ) { Checkbox cb1=new Checkbox(&amp;quot;Shoes&amp;quot;); Checkbox cb2=new Checkbox(&amp;quot;Socks&amp;quot;);true); Checkbox cb3=new Checkbox(&amp;quot;Shirt&amp;quot;); add(cb1); add(cb2); add(cb3); } }</pre>
360	<p>Choose the correct sequence for the following output Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; /* &amp;lt;applet code=&amp;quot;LabelDemo&amp;quot; width=300 height=300&gt;&gt;&amp;lt;/applet&amp;gt; */ public class LabelDemo extends Applet { public void init() { Label one = new Label(&amp;quot;One&amp;quot;); Label two = new Label(&amp;quot;Two&amp;quot;); Label three = new Label(&amp;quot;Three&amp;quot;); add(one);add(two);add(three); } }</pre>
	<p>Choose the correct sequence for the following output Figure:-</p>					

361		1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; public class appl extends Applet { public void init() { TextField tf = new TextField(); TextArea t1=new TextArea(3,20); Checkbox c=new Checkbox("&amp;quot;a&amp;quot;",true); Checkbox c1=new Checkbox("&amp;quot;b&amp;quot;",false); add(tf); add(t1); add(c); add(c1); } } /*&amp;lt;applet code=&amp;quot;appl&amp;quot; width=300 height=300&amp;gt; &amp;lt;/applet&amp;gt; */</pre>
362	<p>Choose the correct sequence for the following output</p> <p>Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; public class test11 extends Applet { public void init() { TextField t1=new TextField(20); Checkbox c=new Checkbox("&amp;quot;a&amp;quot;", true); Checkbox c1=new Checkbox("&amp;quot;b&amp;quot;", false); add(t1); add(c); add(c1); } }</pre>
363	<p>Choose the correct sequence for the following output</p> <p>Figure:-</p> 	1	Y1	A	2	<pre>importjava.awt.*; importjava.applet.*; public class app1 extends Applet { public void init() { TextFielddtf = new TextField(); TextArea t1=new TextArea(3,20); Checkbox c=new Checkbox("&amp;quot;a&amp;quot;",true); Checkbox c1=new Checkbox("&amp;quot;b&amp;quot;",false); add(tf); add(t1); add(c); add(c1); }</pre>
	<p>Choose the correct sequence for the following output</p> <p>Figure:-</p>					

364		1	Y1	A	2	Label,TextField,Label,Button
365	<p>Choose the correct sequence for the following output. Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; /*&amp;lt;applet code=&amp;quot;Login&amp;quot; width=400 height=200&amp;gt; &amp;lt;/applet&amp;gt;*/ public class Login extends Applet { TextField nm; TextField psw; public void init() { Label nml = new Label(&amp;quot;USername:&amp;quot;;, Label.RIGHT); Label pswl =new Label(&amp;quot;Password:&amp;quot;;, Label.RIGHT); nm=new TextField(12); psw = new TextField(12); Button b=new Button(&amp;quot;Submit&amp;quot;); add(nml); add(nm); add(pswl); add(psw); add(b); } }</pre>
366	<pre>class Fr { public static void main(String ar[]) { JFrame f = new JFrame(); f.setDefaultCloseOperation(JFrame.DISPOSE_ON_CLOSE);}}</pre>	1	N	A	2	disposes frame
367	<pre>class Frame{ Frame(){ } } class VFrame extends Frame { VFrame(){ super(); } } Which statement are true?</pre>	1	N	A	2	Class VFrame's constructor includes a call to super().
368	<p>Components in the frame is add at appropriate place using</p>	1	N	A	2	setBounds(int,int,int,int)
	<p>Consider following output. Find the missing statement in the following program to get above output. import java.awt.*; class AWTMenu extends Frame { public static void main(String args[]) { AWTMenu m=new AWTMenu(); m.setVisible(true); MenuBar mb=new MenuBar(); m.setMenuBar(mb); Menu hmenu= new Menu("Help"); Menu jmenu=new Menu("Justify"); mb.add(hmenu); MenuItem center=new MenuItem("Center"); MenuItem left=new MenuItem("Left"); MenuItem right=new MenuItem("Right"); jmenu.add(center); jmenu.add(left); jmenu.add(right); } }</p> <p>Figure:-</p>					


369		1	Y1	U	2	mb.add(jmenu);
370	<p>Consider following output. Identify controls used.</p> <p>Figure:-</p> 	1	Y1	U	2	Checkbox,TextArea,Button,Label
371	<p>Consider following program and find the missing statement in the code</p> <pre>import java.awt.event.*; import java.awt.*; import java.applet.*; /* &lt;applet code=exp1.class width=200 height=200&gt; &lt;/applet&gt; */ public class exp1 extends Applet { public void init() { add(new Button("TOP"),BorderLayout.NORTH); add(new Button("BOTTOM"),BorderLayout.SOUTH); add(new Button("RIGHT"),BorderLayout.EAST); add(new Button("LEFT"),BorderLayout.WEST); } }</pre>	1	N	A	2	setLayout(new BorderLayout());
372	<p>Consider following program and state how many main menu and sub menu displayed in output:</p> <pre>import java.awt.*; public class MenuDemo { public static void main(String args[]) { Frame f=new Frame("My Frame"); f.setVisible(true); MenuBar mbr= new MenuBar(); f.setMenuBar(mbr); Menu filemenu=new Menu("File"); Menu editmenu=new Menu("Edit"); Menu viewmenu=new Menu("View"); mbr.add(filemenu); mbr.add(editmenu); mbr.add(viewmenu); MenuItem new 1=new MenuItem("New"); MenuItem open1=new MenuItem("Open"); filemenu.add(new 1); filemenu.add(open1); new 1.setEnabled(false); CheckboxMenuItem wordwrap=new CheckboxMenuItem("WordWrap"); editmenu.add(wordwrap); }</pre>	1	N	A	2	3 Main,3 Sub menu
	<p>Consider following program. Select the missing statement from options.</p> <pre>import javax.swing.*; import java.awt.*; /*&lt;applet code="TableDemo"</pre>					

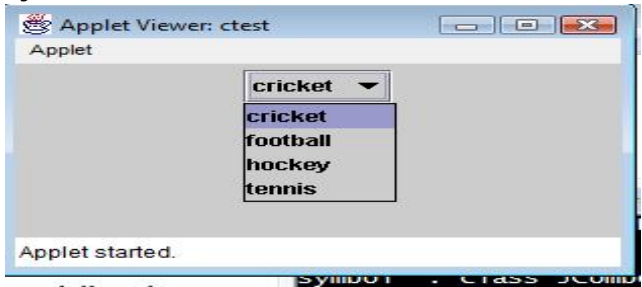
373	<pre>width=200 height=200&gt; &lt;/applet&gt;*/ public class TableDemo extends JApplet { public void init() { Container cp=getContentPane(); cp.setLayout(new BorderLayout()); String data[][] = {"Neeta","CO","A"},{"Mahesh","CE","B"},{"Akanksha","IF","C"}, {"Neha","ME","A"}; String col[] = {"Name","Branch","Grade"}; int v=ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h=ScrollPaneConstants.HORIZONTAL_SCROLLBAR_ALWAYS; JScrollPane jsp=new JScrollPane(table,v,h); cp.add(jsp,BorderLayout.CENTER); } }</pre>	1	N	A	2	Table table = new JTable(data,col);
374	<p>Consider the following program What will be displayed in the output?</p> <pre>import java.awt.*; import javax.swing.*; /* &lt;applet code="JTabbedPaneDemo" width=300 height=100&gt; &lt;/applet&gt; */ public class JTabbedPaneDemo extends JApplet { public void init() { JTabbedPane jtp=new JTabbedPane(); jtp.addTab("Fruit",new FruitPanel()); jtp.addTab("Color",new ColorPanel()); jtp.addTab("Vegetables",new VegetablePanel()); getContentPane().add(jtp); jtp.removeAll(); } } class FruitPanel extends JPanel { public FruitPanel() { JButton b1=new JButton("Apple"); add(b1); JButton b2=new JButton("Mango"); add(b2); JButton b3=new JButton("Banana"); add(b3); } } class ColorPanel extends JPanel { public ColorPanel() { JButton b1=new JButton("Red"); add(b1); JButton b2=new JButton("Blue"); add(b2); JButton b3=new JButton("Green"); add(b3); } } class VegetablePanel extends JPanel { public VegetablePanel() { JButton b1=new JButton("Potato"); add(b1); JButton b2=new JButton("Brinjal"); add(b2); JButton b3=new JButton("Tomato"); add(b3); } }</pre>	1	N	A	2	Applet without any controls.
375	<p>Consider the following program Which statement is prepare for blank space</p> <pre>import java.applet.*; import java.awt.*; public class gridlayout extends Applet { int n=1; public void init() { setFont(new Font("SansSerif",Font.BOLD,24)); for(int i=0;i&lt;5;i++) { for(int j=0;j&lt;5;j++) { _____ n++; } } }</pre>	1	N	A	2	add(new Button("&quot;&quot;+n));
376	<p>Consider the following program. What should be the correction done in the program to get correct output?</p> <pre>import java.awt.*; import java.swing.*; /* &lt;applet code="JComboBoxDemo" width=300 height=100&gt; &lt;/applet&gt; */ public class JComboBoxDemo extends JApplet { JComboBox jcb; String flags[] = { "France", "Germany", "Italy", "Japan" }; public void init() { jcb = new JComboBox(flags); add(jcb); } }</pre>	1	N	A	2	package not imported correctly
377	<p>Consider the following program. Find the error.</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; /*&lt;applet code=demo width=100 height=100&gt; &lt;/applet&gt; */ public class demo extends Applet { public void init() { firstlabel =new Label("Label 1"); secondlabel =new Label("Label 2"); b1=new Button("Enter"); add(l1); add(l2); add(b1); } }</pre>	1	N	A	2	All of above
	<p>Consider the following program. Find which missing statement.</p> <pre>import java.awt.*; import javax.swing.*; import javax.swing.tree.*; /*&lt;applet code="JTreeDemo.class" width=400 height=300&gt; &lt;/applet&gt; */ public class JTreeDemo extends JApplet { public void init(){ Container contentPane = getContentPane(); contentPane.setLayout(new BorderLayout()); DefaultMutableTreeNode a = new DefaultMutableTreeNode("CO5G"); top.add(a); DefaultMutableTreeNode a1 = new DefaultMutableTreeNode("JPR"); a.add(a1); DefaultMutableTreeNode a2 = new</pre>					DefaultMutableTreeNode top = new DefaultMutableTreeNode (&quot;Third Year

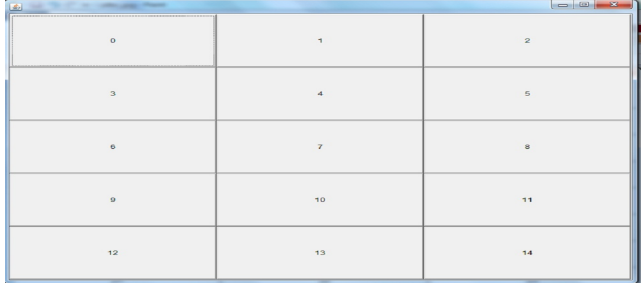
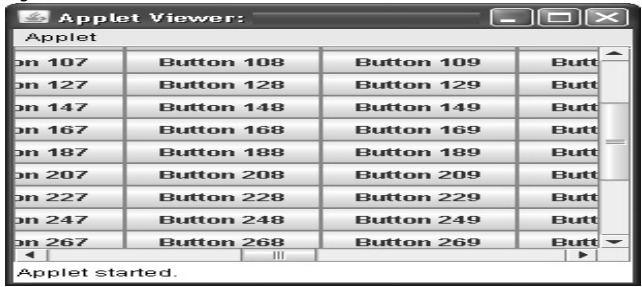
378	<pre>DefaultMutableTreeNode("SWE"); a.add(a2); DefaultMutableTreeNode b = new DefaultMutableTreeNode("CO6G"); top.add(b); DefaultMutableTreeNode b1 = new DefaultMutableTreeNode("AJP"); b.add(b1); DefaultMutableTreeNode b2 = new DefaultMutableTreeNode("MAN"); b.add(b2); JTree tree = new JTree(top); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_ALWAYS; JScrollPane jsp = new JScrollPane(tree, v, h); contentPane.add(jsp, BorderLayout.CENTER); } }</pre>	1	N	A	2	Computer Engineering&quot;;
379	<p>Consider the following program. Find which statement contains error.</p> <pre>import java.awt.*; import java.applet.*; /* &lt;applet code="CheckboxDemo" width=250 height=200&gt; &lt;/applet&gt; */ class CheckboxDemo extends Applet { Checkbox winXP, winVista, solaris, mac; public void init() { winXP = new Checkbox("Windows XP", null, true); winVista = new Checkbox("Windows Vista"); solaris = new Checkbox("Solaris"); mac = new Checkbox("Mac OS"); add(winXP); add(winVista); add(solaris); add(mac); } }</pre>	1	N	A	2	Class should not be public.
380	<p>Consider the following program. Find which statement contains error.</p> <pre>import java.awt.*; import javax.swing.*; public class Demo { public static void main(String args[]) { JFrame f =new JFrame("Toggle Button Sample"); f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); Container c=f.getContentPane(); c.add(new JToggleButton("North"),BorderLayout.NORTH); c.add(new JToggleButton("North"),BorderLayout.EAST); c.add(new JToggleButton("North"),BorderLayout.WEST); c.add(new JToggleButton("North"),BorderLayout.SOUTH); c.add(new JToggleButton("North"),BorderLayout.CENTER); f.setSize(300,300); f.setVisible(true); } }</pre>	1	N	A	2	No error.
381	<p>Consider the following program. Find which statement contains error.</p> <pre>import java.awt.*; import javax.swing.*; /* &lt;applet code="JTableDemo" width=400 height=200&gt; &lt;/applet&gt; */ public class JTableDemo extends JApplet { public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new BorderLayout()); final String[] colHeads = { "emp_Name", "emp_id", "emp_salary" }; final Object[][] data = { { "Ramesh", "111", "50000" }, { "Sagar", "222", "52000" }, { "Virag", "333", "40000" }, { "Amit", "444", "62000" }, { "Anil", "555", "60000" }, }; JTable table = new JTable(data); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPanejsp = new JScrollPane(table, v, h); contentPane.add(jsp, BorderLayout.CENTER); } }</pre>	1	N	A	2	Error in statement in which JTable is created
382	<p>Consider the following program. Find which statement contains error.</p> <pre>import java.applet.Applet; import java.awt.*; public class ButtonTest2 extends Applet { public void init() { String[] labelPrefixes = { "Start", "Stop", "Pause","Resume" }; Panel p1 = new Panel(); for (int i=0; i&lt;4; i++) { p1.add(new Button(labelPrefixes[i] + " Thread1")); } Panel p2 = Panel(); for (int i=0; i&lt;4; i++) { p2.add(new Button(labelPrefixes[i] + " Thread2")); } add(p1); add(p2); } }</pre>	1	N	A	2	Error in the statement creating panel object
	<p>Consider the following code. Select the proper scrollbar constant for blank line in code .</p> <pre>import javax.swing.*; import java.applet.*; import java.awt.*; /* &lt;applet code="ScrollDemo" width=300 height=100&gt;</pre>					

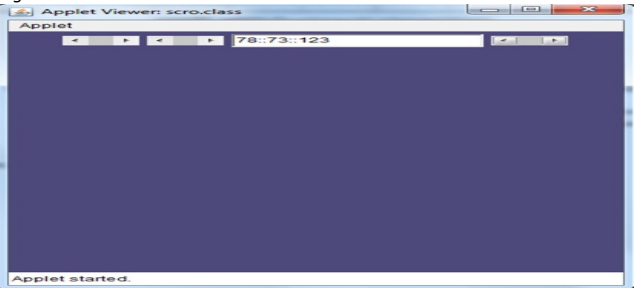
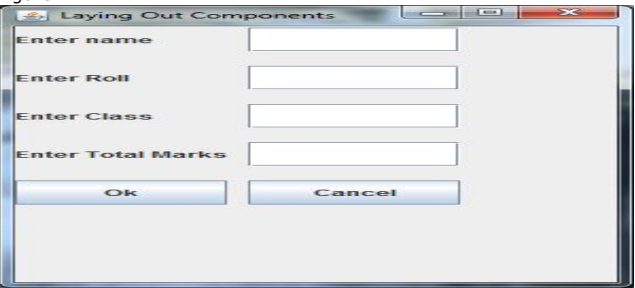


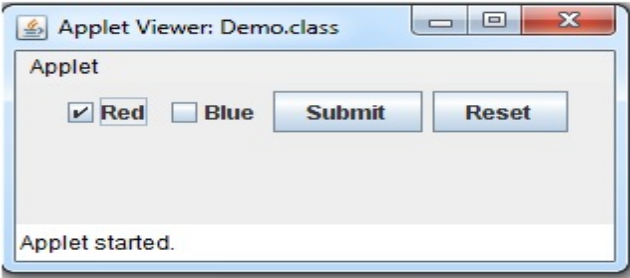


383	<pre> &lt;/applet&gt; */ public class ScrollDemo extends JApplet { public void init() { Container cp=getContentPane(); cp.setLayout(new BorderLayout()); JTextArea ja=new JTextArea(); int v=ScrollPaneConstants._____ ; int h=ScrollPaneConstants.HORIZONTAL_SCROLLBAR_ALWAYS; JScrollPane jsp=new JScrollPane(ja,v,h); cp.add(jsp,BorderLayout.CENTER); } } </pre>	1	N	U	2	Both I and ii
384	<pre> Debug the following code and find out which statement contains error. import java.awt.*; import java.awt.event.*; public class MenuDemo extends Frame { MenuBar mb; Menu m1,m2; MenuItem i1,i2,i3,i4,i5,i6; MenuDemo(String s) { super(s); mb=new MenuBar(); setMenuBar(); m1=new Menu("File"); m2=new Menu("Edit"); i1=new MenuItem("New"); i2=new MenuItem("Open"); i3=new MenuItem("Exit"); i4=new MenuItem("Cut"); i5=new MenuItem("Copy"); i6=new MenuItem("Paste"); m1.add(i1); m1.add(i2); m1.add(i3); m2.add(i4); m2.add(i5); m2.add(i6); mb.add(m1); mb.add(m2); setSize(500,500); } public static void main(String args[]) { MenuDemo m=new MenuDemo("MenuFrame"); m.setVisible(true); } } </pre>	1	N	A	2	statement where setMenuBar() method is invoked
385	<pre> Debug the following code and find which statement contains error. import javax.swing.*; import java.awt.*; public class JRadioButtonDemo extends JApplet { JRadioButton r1,r2,r3; Container c; public void init() { c=getContentPane(); c.setLayout(new FlowLayout()); r1=new JRadioButton("Red"); r2=new JRadioButton("Green"); r3=new JRadioButton("Blue"); JRadioButtonGroup b=new JRadioButtonGroup (); b.add(r1);b.add(r2);b.add(r3); c.add(r1);c.add(r2);c.add(r3); } } /* &lt;applet code=JRadioButtonDemo.class width=500 height=500&gt; &lt;/applet&gt;*/ </pre>	1	N	A	2	Error in statement to create button group i.e. JRadioButtonGroup
386	<pre> Dectate Error in folloing code , Specify line number if any; 1. import java.applet.*; 2. import java.awt.*; 3. import java.swing.*; 4. public class S1Q 5. { 6. public static void main(String[] args) 7. { 8. JFrame frame = new JFrame("Hello Swing"); 9. frame.setSize(200,200); 10. frame.setVisible(); 11. } 12. } </pre>	1	N	A	2	Line number 10 and 3
387	EventObject class is defined in which of these libraries?	1	N	A	2	java.util
388	<pre> Fill in the blanks so that the following draws a Frame containing "Hello". import java.awt.*; class HelloFrame _____ Frame { public void _____( Graphics g ) { g. _____("Hello", 10, 50 ); } } public class Tester { public static void main ( String[] args ) { helloFrame frm = new helloFrame(); frm.setSize( 150, 100 ); frm.setVisible( true ); } } </pre>	1	N	A	2	extends, paint, drawString
389	<pre> Fill in the blanks so that this program displays a Frame: import java.awt.*; public class microGUI { public static void main ( String[] args ) { Frame frm = new _____(); frm. _____( 150, 100 ); frm. _____( true ); } } </pre>	1	N	A	2	Frame, setSize, setVisible
	<pre> Find error from following code import java.awt.*; import java.awt.event.*; import javax.swing.*; import javax.swing.tree.*; /* &lt;applet code="JTreeEvents" width=400 height=200&gt; &lt;/applet&gt; */ public class JTreeEvents extends JApplet { JTree tree; JTextField jtf; public void init() { // Get content pane Contain contentPane = getContentPane(); contentPane.setLayout(new BorderLayout()); DefaultMutableTreeNode top = new DefaultMutableTreeNode("Options"); DefaultMutableTreeNode a = new </pre>					

390	<pre>DefaultMutableTreeNode("A"); top.add(a); DefaultMutableTreeNode a1 = new DefaultMutableTreeNode("A1"); a.add(a1); DefaultMutableTreeNode a2 = new DefaultMutableTreeNode("A2"); a.add(a2); DefaultMutableTreeNode b = new DefaultMutableTreeNode("B"); top.add(b); DefaultMutableTreeNode b1 = new DefaultMutableTreeNode("B1"); b.add(b1); DefaultMutableTreeNode b2 = new DefaultMutableTreeNode("B2"); b.add(b2); DefaultMutableTreeNode b3 = new DefaultMutableTreeNode("B3"); b.add(b3); tree = new JTree(top); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPane jsp = new JScrollPane(tree, v, h); contentPane.add(jsp, BorderLayout.CENTER); jtf = new JTextField("", 20); contentPane.add(jtf, BorderLayout.SOUTH); }</pre>	1	N	A	2	contentPane must be object of Container class
391	<pre>Find error in following code. import java.awt.*; import java.applet.*; public class ChoiceDemo extends Applet { Choice os; String msg = ""; public void init() { os = new Choice(); // add items to os list os.add("Windows 98/XP"); os.add("Windows NT/2000"); add(os); } }</pre>	1	N	A	2	applet code is missing
392	<pre>Find missing statement from given code: public class ButtonLabelDemo extends Applet { Label l1,l2; Button b1; public void init() { * * * * * //Adding the controls to the applet add(l1); add(l2); add(b1); } }</pre> <p>Figure:-</p> 	1	Y1	A	2	l1=new Label("&quot;one&quot;); l2=new Label("&quot;two&quot;); b1=new Button("&quot;OK&quot;);
393	<pre>find out missing line in following code. Import java.awt.*; import java.swing.* public class demo2 extends JApplet { JRadioButton b1=new JRadioButton("Buuton1"); JRadioButton b2=new JRadioButton("Button2"); public void init() { cp.add(b1); cp.add(b2); ButtonGroup bg=new ButtonGroup(); bg.add(b1); bg.add(b2); } }</pre>	1	N	U	2	Container cp=getContentPane()
394	<pre>Find out missing statement in following code: import java.awt.*; import java.applet.*; /* &lt;applet code=exp4.class width=200 height=200&gt; &lt;/applet&gt; */ public class exp4 extends Applet { List l1,l2; public void init() { l1=new List(4); l2=new List(4,true); l1.add("abc"); l1.add("def"); l1.add("ghi"); l1.add("lmk"); l2.add("1"); l2.add("2"); l2.add("3"); l2.add("4"); } }</pre>	1	N	A	2	add(l1); add(l2);
395	<pre>Find the error in the following code. import java.awt.*; import java.awt.event.*; import java.applet.*; public class RadioDemo extends JApplet { public void init() { Container c=getContentPane(); JRadioButton b1=new JRadioButton("Red"); JRadioButton b2=new JRadioButton("Blue"); c.add(b1); c.add(b2); } }</pre>	1	N	A	2	A and B
396	<pre>Find the error. /*&lt;applet code="MyJTabbedPane" width=900 height=900&gt; &lt;/applet&gt;*/ import java.awt.*; import javax.swing.*; public class MyJTabbedPane extends JApplet { public void init() { Container c=getContentPane(); c.setLayout(new FlowLayout());</pre>	1	N	A	2	b)JTabPane Constructor is incorrect



	<pre>JTabPane jtp=new JTabPane(); jtp.addTab("Cities",new CitiesPanel()); jtp.addTab("Colors",new ColorsPanel()); jtp.addTab("Flavours",new FlavoursPanel()); c.add(jtp); } }</pre>					
397	<p>Find the missing statement from the following program. import java.awt.*; import java.awt.event.*; import javax.swing.*; import java.applet.*; /* &lt;applet code="ctest" width=300 height=100&gt; &lt;/applet&gt; */ public class ctest extends JApplet { public void init() { Container co = getContentPane(); co.setLayout(new FlowLayout()); JComboBox jc=new JComboBox(); jc.addItem("cricket"); jc.addItem("football"); jc.addItem("hockey"); jc.addItem("tennis"); } } Figure:-</p> 	1	Y1	U	2	Missing add statement
398	<p>Find the missing statement in the following code import java.awt.*; class MenuDemo extends Frame { MenuDemo() { MenuBar mb=new MenuBar(); Menu file =new Menu("File"); MenuItem open=new MenuItem("Open"); MenuItem save=new MenuItem("Save"); file.add(open); file.add(save); mb.add(file); } public static void main(String args[]) { MenuDemo md=new MenuDemo(); md.setSize(400,400); md.setLocation(10,10); md.setVisible(true); } }</p>	1	N	A	2	setMenuBar(mb);
399	<p>Find the missing statement. import javax.swing.*; class MyFrame extends JFrame { public MyFrame() { setTitle("My Empty Frame"); setSize(300,200); setLocation(10,200); } JFrame f = new MyFrame(); f.show(); }</p>	1	N	U	2	public static void main(String[] args)
400	<p>find the ouptut of the following : import javax.swing.*; class Demo extends JApplet { public void init() { JTabbedPane jt=new JTabbedPane(); jt.addTab("Tab 1",new JButton()); getContentPane().add(jt); } }</p>	1	Y2	A	2	S1Q4301
401	<p>Following program output display which type of layout manager : import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code=cl.class width=200 height=200&gt; &lt;/applet&gt; */ public class cl extends Applet { CardLayout cardLayout; Panel panel; Button button1, button2, button3; public void init() { panel = new Panel(); add(panel); cardLayout = new CardLayout(0,0); panel.setLayout(cardLayout); button1 = new Button("Button1"); button2 = new Button("Button2"); button3 = new Button("Button3"); panel.add("Button1", button1); panel.add("Button2", button2); panel.add("Button3", button3); }</p>	1	N	A	2	CardLayout
	<p>For producing following outputs which program code is correct Figure:-</p>					

402		1	Y1	A	2	<pre>import java.awt.*; class Demo3 extends Frame { Button b; Demo3() { setLayout(new GridLayout(5,3)); for(int i=0;i&lt;15;i++) { add(new Button(String.valueOf(i))); } setSize(800,600); } public static void main(String args[]) throws Exception { new Demo3().setVisible(true); } }</pre>
403	For the below code, how is a JTable object created? <code>String[] colHeads = { "Name", "Extension", "ID#" }; Object[][] data = {{ "Gail", "4567", "865" },{ "Ken", "7566", "555" }};</code>	1	N	U	2	<code>JTable jt=new JTable(data,colHeads);</code>
404	From following list Which is not Swing class?	1	N	U	2	JImageIcon
405	Give proper command to compile & run following program code? <code>import java.applet.*; import java.awt.*; /* &lt;applet code="A1" height="300" width="300"&gt; &lt;/applet&gt; */ public class A1 extends Applet { public void paint(Graphics gr) { gr.drawString("Welcome to JAVA ",50,100); setBackground(Color.cyan); } }</code>	1	N	A	2	<code>C:\javac A1.java C:\appletviewer A1.java</code>
406	Given the following code <code>import java.awt.*; public class SetF extends Frame { public static void main(String argv[]) { SetF s = new SetF(); s.setSize(300,200); s.setVisible(true); } }</code> How could you set the frame surface color to pink	1	N	A	2	<code>s.setBackground(Color.pink);</code>
407	How many components are used for form validation i.e input username and password	1	N	U	2	2 Label,1 Button,2 Textfield
408	How many controls are shown on Applet after executing following program <code>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="app2.class" height=100 width=200&gt; &lt;/applet&gt;*/ public class app2 extends Applet { Checkbox cb1,cb2; TextField tf1; String str,str1; public void init() { Label c=new Label("COLORS"); cb1=new Checkbox(); cb2=new Checkbox("WHITE"); tf1=new TextField("ABC"); add(cb1); add(c); add(tf1); } }</code>	1	N	U	2	3
409	How to add image on button	1	N	A	2	<code>ImageIcon ii = new ImageIcon("India.gif"); JButton Jb= new JButton("ok",ii);</code>
410	how to disable the default layout manager	1	N	U	2	<code>setLayout(null)</code>
411	Identify components used Figure:- 	1	Y1	A	2	JButton,ScrollPane

412	<p>Identify controls used in following output</p> <p>Figure:-</p> 	1	Y1	U	2	TextFiled and Scrollbars
413	<p>Identify default output for given code</p> <pre>import java.awt.event.*; import java.applet.*; public class FlowLayoutDemo extends Applet implements ItemListener { String msg = ""; Checkbox Win98, winNT, solaris, mac; public void init() { setLayout(new FlowLayout(FlowLayout.LEFT)); Win98 = new Checkbox("Windows 98/XP", null, true); winNT = new Checkbox("Windows NT/2000"); solaris = new Checkbox("Solaris", null, true); mac = new Checkbox("MacOS"); add(Win98); add(winNT); add(solaris); add(mac); Win98.addItemListener(this); winNT.addItemListener(this); solaris.addItemListener(this); mac.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { repaint(); } public void paint(Graphics g) { msg = "Current state: "; g.drawString(msg, 6, 80); msg = " Windows 98/XP: " + Win98.getState(); g.drawString(msg, 6, 100); msg = " Windows NT/2000: " + winNT.getState(); g.drawString(msg, 6, 120); msg = " Solaris: " + solaris.getState(); g.drawString(msg, 6, 140); msg = " Mac: " + mac.getState(); g.drawString(msg, 6, 160); } }</pre>	1	Y2	A	2	S1Q4504
414	<p>Identify layout used in the output given below .</p> <p>Figure:-</p> 	1	Y1	U	2	GridLayout
415	<p>Identify proper syntax from following options of TextArea constructor</p>	1	N	U	2	TextArea(int numlines, int numChars)

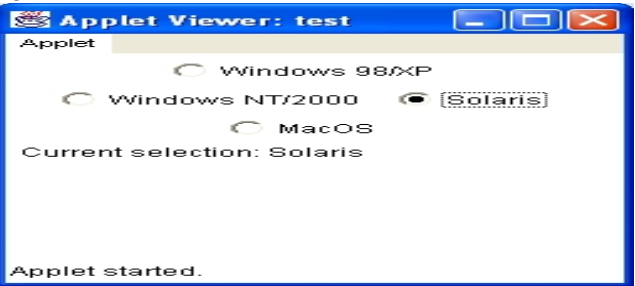
416	<p>Identify the code for the output given below. Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*;import javax.swing.*;public class Demo extends JApplet{ JButton b1,b2; JCheckBox cb1,cb2; public void init() { Container c=getContentPane(); c.setLayout(new FlowLayout()); cb1=new JCheckBox("&amp;quot;Red&amp;quot;", true); cb2=new JCheckBox("&amp;quot;Blue&amp;quot;", false); b1=new JButton("&amp;quot;Submit&amp;quot;");b2=new JButton("&amp;quot;Reset&amp;quot;");c.add(cb1);c.add(cb2);c.add(b1);c.add(b2);} }</pre>
417	<p>Identify the components required to design this applet window shown in image? Figure:-</p> 	1	Y1	A	2	Label, Button, TextField, Checkbox, CheckboxGroup
418	<p>Identify the correct code for following output. Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; public class MenuDemo extends Frame { MenuDemo() { MenuBar mbr = new MenuBar(); setMenuBar(mbr); Menu f = new Menu("&amp;quot;File&amp;quot;"); Menu e = new Menu("&amp;quot;Edit&amp;quot;"); Menu v =new Menu("&amp;quot;View&amp;quot;"); MenuItem f1=new MenuItem("&amp;quot;New&amp;quot;"); CheckboxMenuItem f2=new CheckboxMenuItem("&amp;quot;Open&amp;quot;",true); f.add(f1); f.add(f2); mbr.add(f); mbr.add(e); mbr.add(v); } public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setVisible(true); m.setSize(400,400); } }</pre>

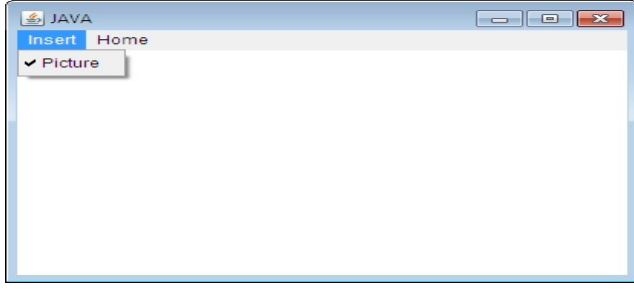
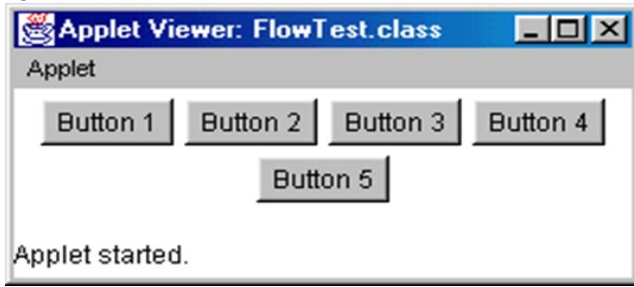
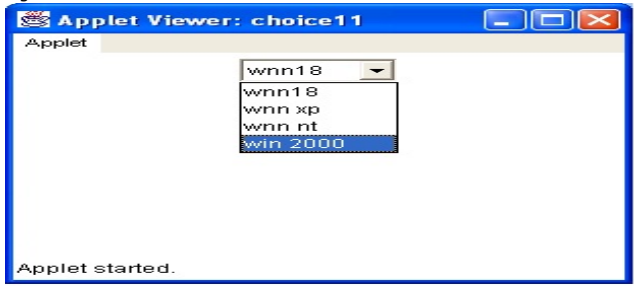
419	<p>Identify the layout of the image . Figure:-</p>	1	Y1	A	2	Border Layout
420	If a program consists of three classes, then after compilation how many class file(s) are created by the compiler?	1	N	U	2	Three
421	If a user does not set the size of a frame, then in the output, the size of the frame is _____ width _____ height	1	N	U	2	0,0
422	<pre>import java.awt.*; class Demo extends Frame { public static void main(String args[]){ Frame f=new Frame(); f.setVisible(true); f.setSize(150,200); } }</pre> <p>In the above program, how can a user hide the frame window?</p>	1	N	A	2	using setVisible(false);
423	<pre>import java.awt.*; import java.applet.* /*&lt;applet code="my.class" width=300 height=300&gt;&lt;/applet&gt;*/ public class my extends Applet { public void paint(Graphics g) { g.drawString("Hello"); } }</pre>	1	N	A	2	Compilation Error
424	<pre>import java.awt.*; import java.applet.*; /*&lt;applet code="Choice_Demo.class" width=300 height=300&gt;&lt;/applet&gt;*/ public class Choice_Demo extends _____ { Choice c1; public void init() { c1=new Choice(); add(c1); } }</pre>	1	N	A	2	Applet
425	<pre>import java.awt.*; import javax.swing.*; public class Test { public static void main(String[] args) { JFrame frame = new JFrame("My Frame"); frame.add(new JButton("OK")); frame.add(new JButton("Cancel")); frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); frame.setSize(200, 200); frame.setVisible(true); } }</pre>	1	N	A	2	Only button Cancel is displayed.
426	<pre>import java.awt.*; import javax.swing.*; /*&lt;applet code="L.class" width=200 height=200&gt;&lt;/applet&gt;*/ public class L extends JApplet { public void init() { ImageIcon i1 = new ImageIcon("Koala.jpeg"); JButton b1=new JButton(i1); getContentPane().add(b1); } }</pre>	1	N	A	2	Button is created with given image
427	<pre>import java.awt.*; import javax.swing.*; public class Swing_Demo extends JApplet { public void init() { ImageIcon ii=new ImageIcon("Sunset.jpg"); JLabel l1=new JLabel("Sunset Image",ii,JLabel.CENTER); c.add(l1); } }</pre> <p>Figure:-</p>	1	Y1	A	2	Container c=getContentPane();

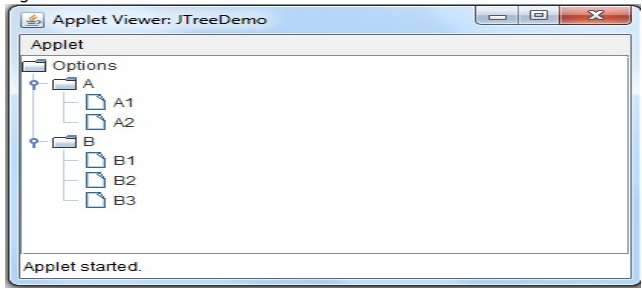
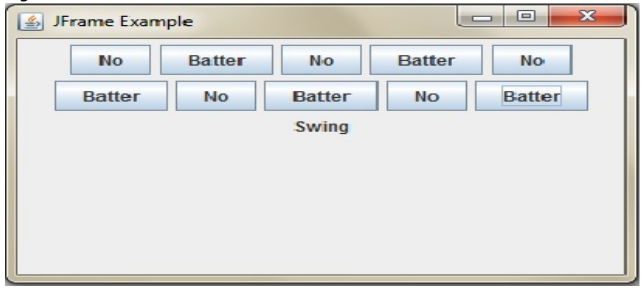
						
428	In CardLayout we are going to add components for every card to	1	N	U	2	Panel
429	In given constructor what 3rd parameter indicates Scrollbar s=new Scrollbar(0,10,20,0,1000)	1	N	A	2	Size of thumb
430	In the applet window a user wants to arrange all component one after another Which statement will work efficiently	1	N	U	2	setLayout(new FlowLayout());
431	In the below program, why is java.awt package imported? import javax.swing.*; import java.awt.*; public class NewMain extends JFrame { public static void main(String[] args) { JFrame jf=new JFrame("My Frame"); Container cpane=jf.getContentPane(); JLabel l1=new JLabel("Name"); JButton b1=new JButton("OK"); JButton b2=new JButton("CANCEL"); JTextField t1= new JTextField(); jf.setLayout(new GridLayout(2,2)); cpane.add(l1); cpane.add(t1); cpane.add(b1); cpane.add(b2); jf.setSize(100,100); jf.setVisible(true); jf.setDefaultCloseOperation(EXIT_ON_CLOSE); } }	1	N	U	2	Because Container belongs to the package java.awt
432	Insert the correct code in the following program segment in order to display following output. Figure:- 	1	Y1	A	2	JRadioButton b1,b2,b3; b1= new JRadioButton("&quot;Indian&quot;"); b2= new JRadioButton("&quot;American&quot;"); b3= new JRadioButton("&quot;German&quot;");
433	Is it possible to change display character of TextField?How?	1	N	U	2	Yes,by using setEchoChar() method.
434	java Applets are used to create .....Applications	1	N	A	2	both (a) and (b)
435	Matches the following Component from Figure Figure:-	1	Y1	U	2	fig(a)-TextField,fig(b)-Button,fig(c)-Label,fig(d)-List,fig(e)-CheckBoxGroup,fig(f)-checkbox,fig(g)-Choice




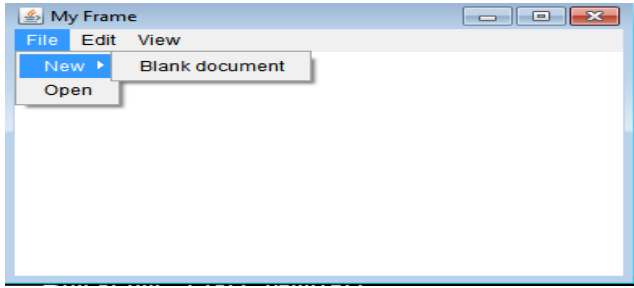
436	Modification of the text can be controlled by _____	1	N	U	2	setEditable()
437	Multiple layouts in the single container can be created with the help of _____	1	N	U	2	Panel
438	No of constructors of JComboBox are _____	1	N	U	2	2
439	Observe the following code <pre>import java.awt.*; import javax.swing.*; /* &lt;applet code="JTableDemo.class" width=400 height=500&gt; &lt;/applet&gt; */ public class JTableDemo extends JApplet { public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new FlowLayout()); final String[] colHeads = { "Name", "Phone", "Fax"}; final Object[][] data = { {"Prashant", "12345","6789"}, {"Rupesh", "12345", "23456"} }; JTable table = new JTable(data, colHeads); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_ALWAYS; JScrollPane jsp = new JScrollPane(table, v, h); contentPane.add(jsp, BorderLayout.CENTER); } }</pre>	1	N	A	2	The output is obtained in table with two rows and three columns with horizontal and vertical scrollbar
440	Observe the following code <pre>import java.awt.*; import java.applet.*; import java.util.*; /* &lt;applet code="BorderLayoutDemo" width=400 height=200&gt; &lt;/applet&gt; */ public class BorderLayoutDemo extends Applet { public void init() { setLayout(new BorderLayout()); add(new Button("This is across the top."), BorderLayout.NORTH); add(new Label("The footer message might go here."), BorderLayout.SOUTH); add(new Button("Right"), BorderLayout.EAST); add(new Button("Left"), BorderLayout.WEST); String msg = "The reasonable man adapts " + "himself to the world;\n" + "the unreasonable one persists in " + "trying to adapt the world to himself.\n" + "Therefore all progress depends " + "on the unreasonable man.\n\n" + " - George Bernard Shaw\n\n"; add(new TextArea(msg), BorderLayout.CENTER); } } What will be the output of the above program?</pre>	1	N	A	2	The output is obtained in Applet with BorderLayout placing button on east,west,north,south and TextArea at center
441	Observe the following code <pre>import java.awt.*; import java.applet.*; public class LayoutDemo5 extends Applet { public void init() { int i,j,k,n=4; setLayout(new BorderLayout()); Panel p1=new Panel(); Panel p2=new Panel(); p1.setLayout(new FlowLayout()); p1.add(new TextField(20)); p1.add(new TextField(20)); p2.setLayout(new GridLayout(5,3)); p2.add(new Button("OK")); p2.add(new Button("Submit")); add(p1, BorderLayout.EAST); add(p2, BorderLayout.WEST); } } /* &lt;applet code=LayoutDemo5.class width=300 height=400&gt; &lt;/applet&gt;*/ What will be the output of the above program?</pre>	1	N	A	2	The output is obtained in Applet with two layouts: Border layout and Flow Layout.
	Observe the following code <pre>import java.awt.*; import java.applet.*; /*</pre>					

442	<pre>&lt;APPLET Code="TextFieldPassword" Width=500 Height=200&gt; &lt;/APPLET&gt; */ public class TextFieldPassword extends Applet { public void init() { Label lblName = new Label("enter name"); Label lblPasswd = new Label("enter password"); TextField txtName = new TextField("your name here", 20); TextField txtPasswd = new TextField(20); add(lblName); add(txtName); add(lblPasswd); txtPasswd.setEchoChar('*'); add(txtPasswd); } }</pre>	1	N	A	2	The output is obtained in Applet with two labels and two textfields
443	<pre>Observe the following program and point out which statement contains error. importjava.awt.*; importjavax.swing.*; /* &lt;applet code="JTableDemo" width=400 height=200&gt; &lt;/applet&gt; */ public class JTableDemo extends JApplet { public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new BorderLayout()); final String[] colHeads = { "emp_Name", "emp_id", "emp_salary" }; final Object[][] data = { { "Ramesh", "111", "50000" }, { "Sagar", "222", "52000" }, { "Virag", "333", "40000" }, { "Amit", "444", "62000" }, { "Anil", "555", "60000" }, }; JTable table = new JTable(data,colHeads ); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPanejsp = new JScrollPane(table,,h,v); contentPane.add(jsp, BorderLayout.CENTER); } }</pre>	1	N	A	2	Error in statement in which JScrollPane is created
444	<p>Observe the image shown below. S1Q42 Which AWT component will the image as shown</p> <p>Figure:-</p> 	1	Y1	A	2	CheckboxGroup
445	<p>Picture is a _____</p> <p>Figure:-</p>	1	Y1	U	2	CheckboxMenuItem

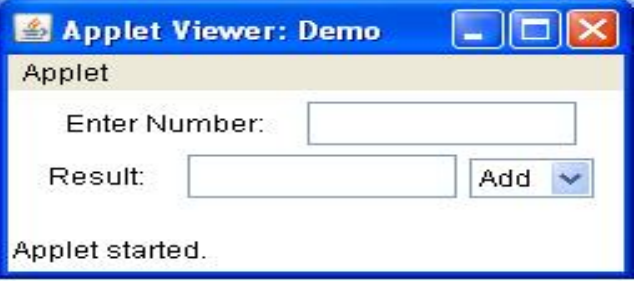
						
446	Point out missing word in syntax in given code <pre>import java.awt.*; import java.awt.event.*; public class demo extends Frame { public static void main(String args[]) { Button b; GridLayout cr= GridLayout(3,4,5,10); Frame f=new Frame("GRIDLAYOUT EXAMPLE"); f.setLayout(cr); f.add(new Button("1")); f.add(new Button("2")); f.add(new Button("3")); f.add(new Button("4")); f.add(new Button("5")); f.add(new Button("7")); f.setSize(300,400); f.setVisible(true); } }</pre>	1	N	U	2	new
447	Positions the components into five regions: east, west, north, south, center	1	N	U	2	BorderLayout
448	Say that a Frame contains three Panels. Could each Panel have a different layout manager?	1	N	U	2	Yes---each one can use setLayout() with any layout manager
449	select correct code for display given output Figure:- 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; /*&amp;lt;applet code="FlowTest.class" width=200 height=300&amp;gt;&amp;lt;/applet&amp;gt;*/ public class FlowTest extends Applet { public void init() { // setLayout(new FlowLayout()); Default for(int i=1; i&amp;lt;=6; i++) { add(new Button("&amp;quot;Button &amp;quot; + i)); } }</pre>
450	Select correct statement to add component in south region.	1	N	U	2	<code>add(component obj, BorderLayout.SOUTH);</code>
451	Select proper code for given image as shown in below Figure:- 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; public class choice11 extends Applet { public void init() { Choice os=new Choice(); os.add("&amp;quot;wnn18&amp;quot;); os.add("&amp;quot;wnn xp&amp;quot;); os.add("&amp;quot;wnn nt&amp;quot;); os.add("&amp;quot;win 2000&amp;quot;); add(os); } } /*&amp;lt;applet code="choice11" height=200 width=300&amp;gt; &amp;lt;/applet&amp;gt;*/</pre>
						<code>import java.awt.*; import java.awt.event.*; import javax.swing.*; import</code>

452	<p>Select proper code for given output Figure:-</p> 	1	Y1	A	2	<pre> javax.swing.tree.*; public class JTreeEvents extends JApplet { JTree tree; JTextField jtf; public void init() { // Get content pane Container contentPane = getContentPane();// Set layout manager contentPane.setLayout(new BorderLayout());// Create top node of tree DefaultMutableTreeNode top = new DefaultMutableTreeNode("&amp;quot;Options&amp;quot;");// Create subtree of &amp;quot;A&amp;quot; DefaultMutableTreeNode a = new DefaultMutableTreeNode("&amp;quot;A&amp;quot;"); top.add(a); DefaultMutableTreeNode a1 = new DefaultMutableTreeNode("&amp;quot;A1&amp;quot;"); a.add(a1); DefaultMutableTreeNode a2 = new DefaultMutableTreeNode("&amp;quot;A2&amp;quot;"); a.add(a2);// Create subtree of &amp;quot;B&amp;quot; DefaultMutableTreeNode b = new DefaultMutableTreeNode("&amp;quot;B&amp;quot;"); top.add(b); DefaultMutableTreeNode b1 = new DefaultMutableTreeNode("&amp;quot;B1&amp;quot;"); b.add(b1); DefaultMutableTreeNode b2 = new DefaultMutableTreeNode("&amp;quot;B2&amp;quot;"); b.add(b2); DefaultMutableTreeNode b3 = new DefaultMutableTreeNode("&amp;quot;B3&amp;quot;"); b.add(b3);// Create tree tree = new JTree(top);// Add tree to a scroll pane int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPane jsp = new JScrollPane(tree, v, h);// Add scroll pane to the content pane contentPane.add(jsp, BorderLayout.CENTER);// Add text field to applet jtf = new JTextField("&amp;quot;&amp;quot;,, 20); contentPane.add(jtf, BorderLayout.SOUTH);// Anonymous inner class to handle mouse clicks tree.addMouseListener(new MouseAdapter() { public void mouseClicked(MouseEvent me) { doMouseClicked(me); } }); } void doMouseClicked(MouseEvent me) { TreePath tp = tree.getPathForLocation(me.getX(), me.getY()); if(tp != null) jtf.setText(tp.toString()); else jtf.setText("&amp;quot;&amp;quot;); } } </pre>
453	<p>Select proper command for compilation and execution of program. import java.awt.*; import java.awt.event.*; import java.applet.*; public class square extends Applet implements ActionListener { TextField t1,t2; Label l1,l2; Button b1; public void init() { t1=new TextField(5); t2=new TextField(5); l1=new Label("Enter Number:"); l2=new Label("Result:"); b1=new Button("Square"); b1.addActionListener(this); add(l1); add(t1); add(l2); add(t2); add(b1); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { int n1=Integer.parseInt(t1.getText()); n1=n1*n1; t2.setText(Integer.toString(n1)); } } /* &lt;applet code="square" width=400 height=400&gt; &lt;/applet&gt;*/</p>	1	N	A	2	D. javac square.java and appletviewer square.java
454	<p>select the correct code for display the given output Figure:-</p> 	1	Y1	A	2	<pre> import javax.swing.*; import java.awt.*; public class ShowLayout extends JFrame { public ShowLayout (String s) { Container c = f.getContentPane(); c.setLayout (new FlowLayout()); for (int i = 0; i &lt;= 5; i++) { c.add (new Button("&amp;quot;NO&amp;quot;")); c.add (new Button("&amp;quot;Batter&amp;quot;")); } c.add(new Label("&amp;quot;Swing&amp;quot;")); } public static void main (String args[]) { JFrame f = new ShowLayout("&amp;quot;JFrame Example&amp;quot;"); f.setVisible(true); } } </pre>
	<p>Select the correct code to get the following output: Figure:-</p>					

455		1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; public class Sample extends Applet { public void init() { CheckboxGroup cbg=new CheckboxGroup(); Checkbox red=new Checkbox("&amp;quot;Red&amp;quot;",false,cbg); Checkbox green=new Checkbox("&amp;quot;Green&amp;quot;",false,cbg); Checkbox blue=new Checkbox("&amp;quot;Blue&amp;quot;",false,cbg); add(red); add(green); add(blue); }}</pre>
456	<p>Select the correct output of the following program: <pre>import java.awt.*; import java.applet.*; public class Sample extends Applet { public void init() { add(new Label("Select year and branch:")); Choice year=new Choice(); Choice branch=new Choice(); year.add("First Year"); year.add("Second Year"); year.add("Third Year"); add(year); branch.add("CE"); branch.add("CO"); branch.add("EE"); branch.add("EJ"); branch.add("ME"); add(branch); } }</pre></p>	1	Y2	A	2	
457	<p>Select the missing statement in given code <pre>import java.awt.*; import java.applet.*; import javax.swing.*; public class table extends JApplet { public void init() { String s[]={"srno","name","rollno"}; Object data[][]={{ "1","abc","01"}, {"2","xyz","0"} }; int v=ScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED; int h=ScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPane p=new JScrollPane(it,v,h); Container co=getContentPane(); co.add(p, BorderLayout.CENTER); } } /* &lt;applet code=table width=300 height=300 &gt;&lt;/applet &gt;*/</pre></p>	1	N	U	2	JTable it=new JTable(data,s);
458	<p>select the missing statement in the following code <pre>import java.awt.FlowLayout; public class HelloWorldSwing1 extends JFrame { public static void main(String[] args) { JFrame frame = new JFrame("HelloWorldSwing"); JLabel label = new JLabel("Hello World"); JButton b1=new JButton("submit"); JTextField t1=new JTextField(10); frame.getContentPane().add(label); frame.getContentPane().add(t1); frame.getContentPane().add(b1); frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); frame.pack(); frame.setVisible(true); frame.getContentPane().setLayout(new FlowLayout()); } }</pre></p>	1	N	A	2	import javax.swing.*;
459	<p>Select the missing statement in the following program for following output <pre>import java.awt.*; public class MenuTest extends Frame { MenuTest(String title) { super(title); MenuBar mb=new MenuBar(); Menu file=new Menu("File"); Menu edit=new Menu("Edit"); Menu view=new Menu("View"); MenuItem nw=new MenuItem("New"); MenuItem open=new MenuItem("Open"); MenuItem nw1=new MenuItem("Blank document"); file.add(nw); file.add(open); mb.add(file); mb.add(edit); mb.add(view); setMenuBar(mb); } public static void main(String arg[]) { MenuTest obj=new MenuTest("My Frame"); obj.setSize(200,400); obj.setVisible(true); } }</pre></p> <p>Figure:-</p>	1	Y1	A	2	nw.add(nw1);




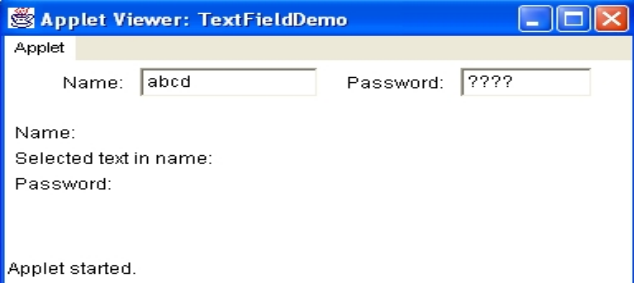
460	<p>Select the missing statement in the program for following output</p> <pre>import java.awt.*; public class MenuDemo extends Frame { public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setVisible(true); MenuBar mbr = new MenuBar(); m.setMenuBar(mbr); Menu filemenu = new Menu("File"); Menu editmenu = new Menu("Edit"); Menu viewmenu = new Menu("View"); mbr.add(filemenu); mbr.add(editmenu); MenuItem new1 = new MenuItem("New"); MenuItem open1 = new MenuItem("Open"); filemenu.add(new1); filemenu.add(open1); } }</pre>	1	N	A	2	mbr.add(viewmenu);
461	<p>Select the missing statement in the program to get the following output</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="ChoiceDemo" width=300 height=180&gt; &lt;/applet&gt; */ public class ChoiceDemo extends Applet implements ItemListener { Choice city; public void init() { city.add("Nagpur"); city.add("Mumbai"); city.add("Pune"); city.add("Nashik"); add(city); city.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { repaint(); } public void paint(Graphics g) { String msg = "Select city: "; msg += city.getSelectedItem(); g.drawString(msg, 6, 120); } }</pre>	1	N	U	2	city = new Choice();
462	<p>Select the missing statements in the program to get following output:</p> <pre>import java.awt.*; class Sample extends Frame { Sample(String title) { super(title); MenuBar mbar = new MenuBar(); setMenuBar(mbar); Menu font = new Menu("Font"); font.add(bold);font.add(italic);font.add(under); font.add(strike); mbar.add(font); Menu para = new Menu("Paragraph"); mbar.add(para); Menu styles = new Menu("Styles"); mbar.add(styles); setSize(400,400); setVisible(true); } public static void main(String args[]) { new Sample("Menu Example"); } }</pre> <p>Figure:-</p>	1	Y1	A	2	<pre>CheckboxMenuItem bold = new CheckboxMenuItem("&amp;quot;Bold&amp;quot;); CheckboxMenuItem italic = new CheckboxMenuItem("&amp;quot;Italic&amp;quot;); CheckboxMenuItem under = new CheckboxMenuItem("&amp;quot;Underline&amp;quot;); CheckboxMenuItem strike = new CheckboxMenuItem("&amp;quot;Stikethrough&amp;quot;);</pre>

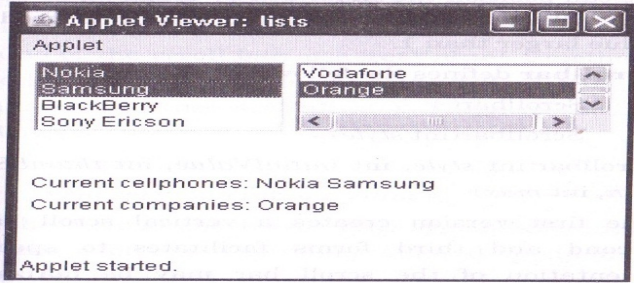
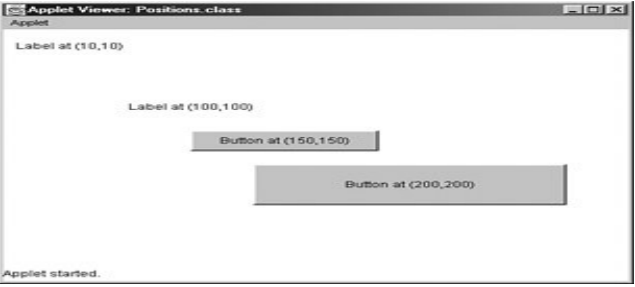

463	<p>Select the proper code for following output? Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; /*&amp;lt;applet code=&amp;quot;Demo&amp;quot; width=200 height=80&amp;gt; &amp;lt;/applet&amp;gt;*/ public class Demo extends Applet { public void init() { Label jlb1=new Label(&amp;quot; Enter Number:&amp;quot;); TextField jtf1=new TextField(12); Choice ch=new Choice();</pre>
464	<p>Select the proper command to run the following code</p> <pre>import java.awt.*; import java.applet.*; /* &lt;applet code="textdemo25" width=300 height=100&gt; &lt;/applet&gt; */ public class textdemo25 extends Applet { public void init() { TextField jt=new TextField(30); add(jt) } }</pre>	1	N	A	2	<pre>appletviewer textdemo25 .java</pre>
465	<p>Select the proper command to run the following code</p> <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; import java.applet.*; /* &lt;applet code="combodemo" width=300 height=100&gt; &lt;/applet&gt; */ public class combodemo extends JApplet { public void init() { Container co = getContentPane(); co.setLayout(new FlowLayout()); JComboBoxjc=new JComboBox(); jc.addItem("pen"); jc.addItem("pencil"); jc.addItem("eraser"); jc.addItem("sharpner"); co.add(jc); } }</pre>	1	N	A	2	<pre>appletviewer combodemo.java</pre>
466	<p>Select the proper command to run the following code</p> <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; import java.applet.*; /* &lt;applet code="combodemo11" width=300 height=100&gt; &lt;/applet&gt; */ public class combodemo11 extends JApplet { public void init() { Container co = getContentPane(); co.setLayout(new FlowLayout()); JComboBoxjc=new JComboBox(); jc.addItem("cricket"); jc.addItem("football"); jc.addItem("hockey"); jc.addItem("tennis"); co.add(jc); } }</pre>	1	N	A	2	<pre>Javac combodemo11.java &amp; amp; appletviewer combodemo11.java</pre>
467	<p>Select the proper command to run the following code</p> <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; import java.applet.*; 90 /* &lt;applet code="combodemo11" width=300 height=100&gt; &lt;/applet&gt; */ public class combodemo11 extends JApplet { public void init() { Container co = getContentPane(); co.setLayout(new FlowLayout()); JComboBoxjc=new JComboBox(); jc.addItem("cricket"); jc.addItem("football"); jc.addItem("hockey"); jc.addItem("tennis"); co.add(jc); }</pre>	1	N	A	2	<pre>appletviewer combodemo11.java</pre>
	<p>Select the proper command to run the following code</p> <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; public class mymenu extends JFrame { JTextField tf=new JTextField(20); JMenuBar mb=new JMenuBar(); JMenu file = new JMenu("File"); JMenu edit=new JMenu("Edit"); JMenuItem fnew=new JMenuItem("New"); JMenuItem fopen=new JMenuItem("Open"); JMenuItem fsave=new JMenuItem("Save"); JMenuItem fclose=new JMenuItem("Close"); JCheckBoxMenuItem fprint=new JCheckBoxMenuItem("Print"); JMenuItem ecut=new JMenuItem("Cut"); JMenuItem ecopy=new JMenuItem("Copy"); JMenuItem epaste=new JMenuItem("Paste");</pre>					

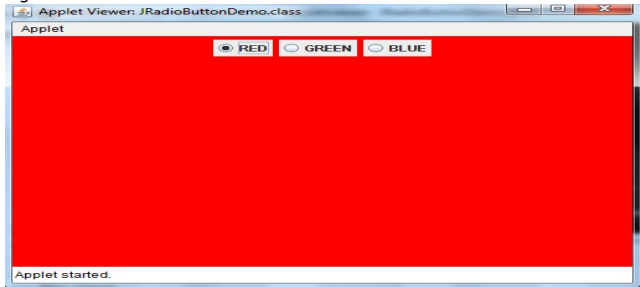
468	<pre>public mymenu(String title) { super(title); file.add(fnew); file.add(fopen); file.add(fsave); file.addSeparator(); file.add(fclose); file.add(fprint); edit.add(ecut); edit.add(ecopy); edit.add(epaste); mb.add(file); mb.add(edit); setJMenuBar(mb); getContentPane().setLayout(new FlowLayout()); fnew.addActionListener(new MIHandler()); fopen.addActionListener(new MIHandler()); fsave.addActionListener(new MIHandler()); fclose.addActionListener(new MIHandler()); ecut.addActionListener(new MIHandler()); ecopy.addActionListener(new MIHandler()); epaste.addActionListener(new MIHandler()); getContentPane().add(tf); } public static void main(String args[]) { mymenu mm=new mymenu("Editor Frame"); mm.setSize(300,300); mm.setVisible(true); } class MIHandler implements ActionListener { public void actionPerformed(ActionEvent ae) { String cmd=ae.getActionCommand(); tf.setText(cmd); } } }</pre>	1	N	A	2	java mymenu
469	<pre>Select the proper command to run the following code import java.awt.*; import javax.swing.*; public class tabbeddemo extends JApplet { public void init() { Container ContentPane=getContentPane(); JTabbedPane jt=new JTabbedPane(); jt.addTab("City",new CityPanel()); jt.addTab("Color",new ColorPanel()); jt.addTab("Flavours",new FlavoursPanel()); getContentPane().add(jt); } } class CityPanel extends JPanel { public CityPanel() { JButton b1=new JButton("Kolhapur"); add(b1); JButton b2=new JButton("Pune"); add(b2); JButton b3=new JButton("Mumbai"); add(b3); JButton b4=new JButton("Sangali"); add(b4); } } class ColorPanel extends JPanel { public ColorPanel() { JRadioButton rb1=new JRadioButton("Red"); add(rb1); JRadioButton rb2=new JRadioButton("Green"); add(rb2); JRadioButton rb3=new JRadioButton("Blue"); add(rb3); JRadioButton rb4=new JRadioButton("Pink"); add(rb4); } } class FlavoursPanel extends JPanel { public FlavoursPanel() { JComboBox jc=new JComboBox(); jc.addItem("Vanilla"); jc.addItem("Chocolate"); jc.addItem("Straberry"); add(jc); } } /*&lt;applet code="tabbeddemo.class" width=500 height=500&gt; &lt;/applet&gt;*/</pre>	1	N	A	2	appletviewer tabbeddemo.java
470	<pre>Select the proper command to run the following code import javax.awt.* import javax.swing.*; public class JListDemo extends JApplet { JTextField t1; JList jl; String data[ ]={"Red", "Green", "Blue", "Yellow", "Pink"}; Public void init() { Container cp=getContentPane(); cp.setLayout(new FlowLayout()); T1=new JList(data); cp.add(jl); cp.add(t1); } } /*&lt;applet code="JListDemo" width=300 height=300&gt; &lt;/applet&gt;*/</pre>	1	N	A	2	appletviewer JListDemo.java
471	<pre>Select the proper command to run the following code import java.awt.*; import java.applet.*; /* &lt;applet code="TextFieldDemo" width=380 height=150&gt; &lt;/applet&gt; */ public class TextFieldDemo extends Applet { TextField name, pass; public void init() { Label namep = new Label("Name: ", Label.RIGHT); Label passp = new Label("Password: ", Label.RIGHT); name = new TextField(12); pass = new TextField(8); pass.setEchoChar('?'); add(namep); add(name); add(passp); add(pass); } public void paint(Graphics g) { } }</pre>	1	N	A	2	appletviewer TextFieldDemo.java
	<pre>Select the proper command to run the following code /*&lt;applet code=frameinapp width=300 height=300&gt; &lt;/applet&gt;*/ import</pre>					

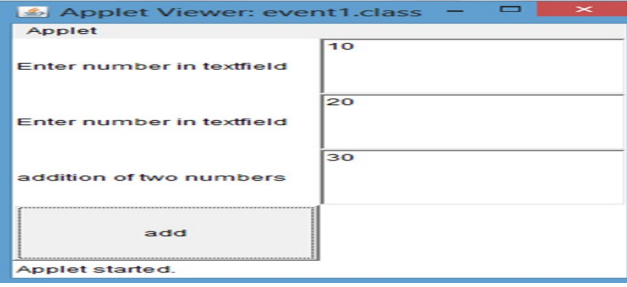
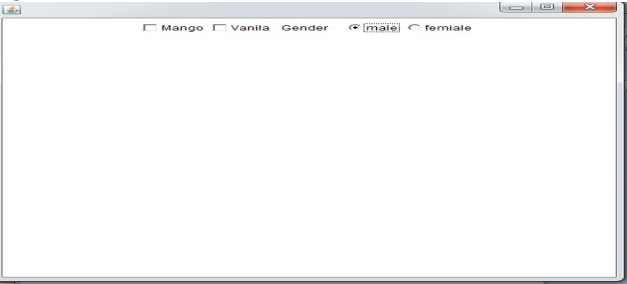


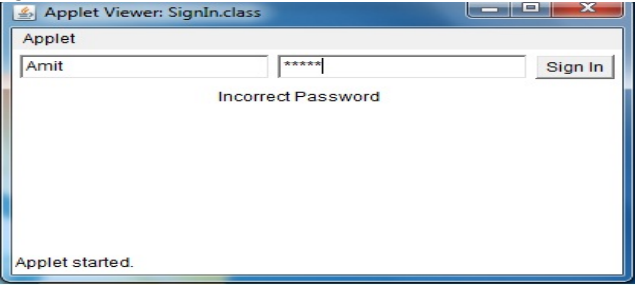
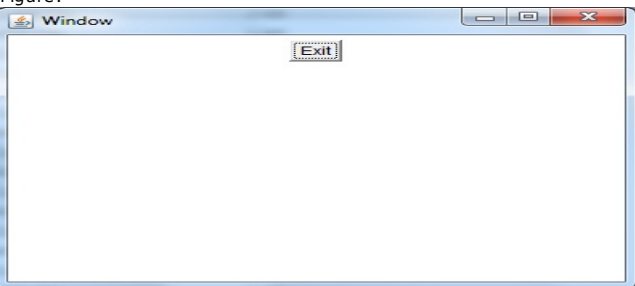
472	<pre>java.awt.*; import java.awt.event.*; import java.applet.*; class framein extends Frame { String msg=" "; framein(String title) { super(title); setSize(200,200); setVisible(true); addWindowListener(new WindowAdapter() { public void windowClosing(WindowEvent e) { setVisible(false); } }); addMouseListener(new MouseAdapter() { public void mouseEntered(MouseEvent e) { msg="mouse entered in frame"; repaint(); } public void mouseExited(MouseEvent e) { msg="mouse exited from frame"; repaint(); } }); } public void paint(Graphics g) { g.drawString(msg,50,50); } } public class frameinapp extends Applet { framein f;String msg=" "; public void init() { f=new framein("Demo"); addMouseListener(new MouseAdapter() { public void mouseEntered(MouseEvent e) { msg="mouse entered in Applet"; repaint(); } public void mouseExited(MouseEvent e) { msg="mouse exited from Applet"; repaint(); } }); } public void paint(Graphics g) { g.drawString(msg,100,100); } }</pre>	1	N	A	2	Appletviewer frameinapp.java
473	<p>Select the proper output for following code</p> <pre>import java.awt.*; import java.applet.*; public class DemoBorderLayout extends Applet { Button b1,b2,b3,b4,b5; public void init() { BorderLayout b=new BorderLayout(20,30); setLayout(b); b1=new Button("Top"); b2=new Button("Right"); b3=new Button("Bottom"); b4=new Button("Left"); b5=new Button("Center"); add(b1,BorderLayout.NORTH); add(b2,BorderLayout.EAST); add(b3,BorderLayout.SOUTH); add(b4,BorderLayout.WEST); add(b5,BorderLayout.CENTER); } } /* &lt;applet code="DemoBorderLayout.class" width=350 height=300&gt; &lt;/applet&gt;*/</pre>	1	Y2	A	2	S1Q4202
474	<p>Select the suitable statement for given output</p> <p>Figure:-</p> 	1	Y1	U	2	Buttons,FlowLaout.RIGHT
475	<p>setEnabled(false); method used in menubar for _____</p>	1	N	U	2	Used to disable menu
476	<p>Show a single line of code that will convert char ch into String s</p>	1	N	A	2	String s="" +ch;
477	<p>Show the output of following code.</p> <pre>import javax.swing.*; public class Test { public static void main(String ar[]) { JButton b1=new JButton("OK"); System.out.println(b1.isVisible()+" "); JFrame f1=new JFrame(); System.out.println(f1.isVisible()+" "); } }</pre>	1	N	A	2	true,false
	<p>State the method that will be used so as to display the password as '?' in the output shown in S1Q43</p> <p>Figure:-</p>					

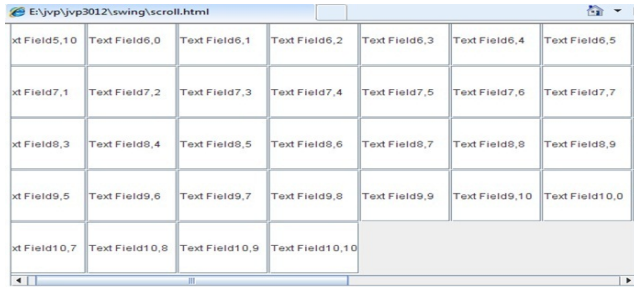
478		1	Y1	A	2	setEchoChar('?')
479	state the output and assume suitable data <pre>import java.awt.*; import java.applet.*; class Demo extends Applet {   CheckBox c1,c2; public void init(){ C1=new CheckBox("awt"); C2=new CheckBox();   System.out.println(c2.getLabel()); } }</pre>	1	N	U	2	label of c2 will print
480	State true or false. i) AWT is an extended version of swing ii) Paint( ) of Applet class cannot be overridden	1	N	U	2	i-false, ii-false
481	Steps for Adding TabbedPane Control	1	N	U	2	1. Create a JTabbedPane object 2. Call addTab() to Add a tab to the pane 3.Repeat Step 2 for each Tab 4. Add the Tabbed Pane to the conte
482	Suppose a Panel is added to a Frame and a Button is added to the Panel. If the Frame's font is set to 12-point TimesRoman, the Panel's font is set to 10-point TimesRoman, and the Button's font is not set, what font will be used to display the Button's label?	1	N	U	2	10-point TimesRoman
483	Swing components are light weight because:	1	N	A	2	Swing components are platform independent.
484	Swing provides a combo box (a combination of a text field and a drop-down list) through the JComboBox class, which extends _____.	1	N	U	2	Jcomponent
485	Tabbedpane Layout can be changed using:	1	N	U	2	Mentioning layout in constructor only.
486	The code Code will produce how many buttons: <pre>public class JScrollPaneDemo extends JApplet { public void init() { // Get content pane   Container contentPane = getContentPane(); contentPane.setLayout(new BorderLayout());   JPanel jp = new JPanel(); jp.setLayout(new GridLayout(20, 20)); int b = 0; for(int i = 0; i &lt; 20; i++) {   for(int j = 0; j &lt; 20; j++) { jp.add(new JButton("Button " + b)); ++b; } } // Add panel to a scroll pane   int v = JScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = JScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED;   JScrollPane jsp = new JScrollPane(jp, v, h); // Add scroll pane to the content pane   contentPane.add(jsp, BorderLayout.CENTER); }</pre>	1	N	A	2	400 Buttons
487	The constructor JCheckBox(true, "YES") suggests that -	1	N	U	2	Checkbox is selected and displays the string "YES" on it.
488	The default horizontal and vertical gap in FlowLayout is.....	1	N	U	2	5 Pixel
	The following constructors are required in the program to get output Figure:-					

489		1	Y1	U	2	Cellphones=new List(4,true) Companies=new List(4,false)
490	<p>The following is an example of which layout?</p> <p>Figure:-</p> 	1	Y1	U	2	BorderLayout
491	<p>The following is an example of which layout?</p> <p>Figure:-</p> 	1	Y1	U	2	CardLayout
492	The JComboBox is having following constructor	1	N	U	2	JComboBox(Vector v)
493	The layout manger that shows how words flow in a text editor?Use	1	N	U	2	Flow
494	The main difference between model and models dialog box is	1	N	U	2	When box is active input focus can not be directed to another window
495	The method _____ assigns the name Result to the Text of variable jlbl.	1	N	A	2	jlbl.setText("&quot;Result&quot;");
496	The method _____ separates menu items in a menu mu.	1	N	A	2	mu.addSeparator()
497	To construct a text area that is 80 character-widths wide and 10	1	N	U	2	new TextArea(10, 80)

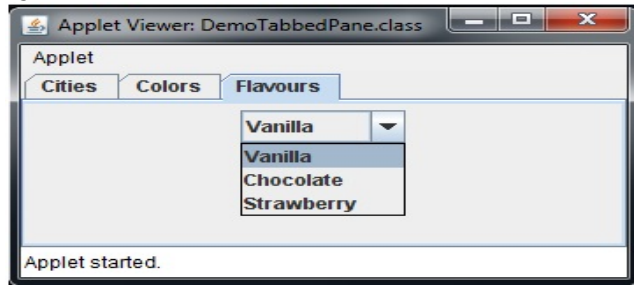
	character-heights tall, select appropriate code.					
498	To creat panel of BorderLayout use_____	1	N	A	2	Jpanel p=new Jpanel(new BorderLayout())
499	To create a compact,multiple-choice,scrolling selection list,Use?	1	N	U	2	List
500	To create group of check boxes ,Use?	1	N	U	2	CheckBoxGroup
501	To get the depth of a JTree jTree, invoke _____	1	N	A	2	jTree.getRoot().getDepth()
502	To implement a single –line text area entry area, Use?	1	N	A	2	TextField
503	To place any component in AWT/Swing which method will be used	1	N	U	2	setBounds(int x,int y,int height,int width)
504	To position components in an applet window? Use	1	N	U	2	Layout Mangager
505	<p>To produce following output in given program which statement should be placed to change the background color of applet import javax.swing.*; import java.awt.*; import java.awt.event.*; /* &lt;applet code=JRadioButtonDemo.class width=500 height=500&gt; &lt;/applet&gt; */</p> <pre> public class JRadioButtonDemo extends JApplet implements ItemListener { JRadioButton r,g,b; ButtonGroup bg; Container cp; public void init() { r=new JRadioButton("RED"); g=new JRadioButton("GREEN"); b=new JRadioButton("BLUE"); cp= getContentPane(); cp.setLayout(new FlowLayout()); cp.add(r); cp.add(g); cp.add(b); bg=new ButtonGroup(); bg.add(r); bg.add(g); bg.add(b); r.addItemListener(this); g.addItemListener(this); b.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { ..... ..... ..... } } </pre> <p>Figure:-</p> 	1	Y1	A	2	<pre> if(ie.getItemSelectable()==r) cp.setBackground(Color.RED); if(ie.getItemSelectable()==g) cp.setBackground(Color.GREEN); if(ie.getItemSelectable()==b) cp.setBackground(Color.BLUE); </pre>
506	<p>To set new font object with size 48 , name: Serif , Style PLAIN, what will be the statement from the following</p> <p>Figure:-</p>	1	Y1	U	2	new Font("&quot;Serif&quot;,, Font.PLAIN, 48)

						
507	<p>To set password as '*****' which command should be added in the following code</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; public class textfield extends Applet implements ActionListener { TextField nm,psw; public void init() { Label nml=new Label("name:",Label.RIGHT); Label psw=new Label("Password:",Label.RIGHT); nm=new TextField(12); psw=new TextField(8); add(nml); add(nm); add(psw); add(psw); nm.addActionListener(this); psw.addActionListener(this); } public void actionPerformed(ActionEvent ae) { repaint(); } public void paint(Graphics g) {g.drawString("name:"+nm.getText(),6,80); g.drawString("Selected text in name:"+nm.getSelectedText(),6,100); g.drawString("password:"+psw.getText(),6,120); } } /* &lt;applet code="textfield.class" width=200 height=200&gt; &lt;/applet&gt;*/</pre>	1	N	A	2	psw.setEchoChar('*');
508	<p>What AWT classes (components) will be needed to get following output?</p> <p>Figure:-</p> 	1	Y1	U	2	Label,Checkbox,checkboxGroup,FlowLayout
	<p>What code should be added so that we can get following Code?</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code=SignIn.class width=400 height=400&gt; &lt;/applet&gt;*/ public class SignIn extends Applet implements ActionListener { TextField t1,t2; Button b1; Label l; public void init() { t1=new TextField(20); t2=new TextField(20); b1=new Button("Sign In"); l=new Label(""); } add(t1); add(t2); ----- add(b1); ----- add(l); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { String msg=t1.getText(); String msg1=t2.getText();</pre>					

509	<p>if(msg.equals("Admin")&amp;&amp;msg1.equals("Admin")) { l.setText("Correct Password"); } else { l.setText("Incorrect Password"); } } }</p> <p>Figure:-</p> 	1	Y1	A	2	Both A & B
510	<p>What code should be added so that we can get following Code? import java.awt.*; import java.awt.event.*; class WindowCloseDemo extends Frame { Button exit; WindowCloseDemo() { exit=new Button("Exit"); add(exit); WindowClose w=new WindowClose(); addWindowListener(w); setTitle("Window"); setSize(400,300); setVisible(true); } public static void main(String []cd) { WindowCloseDemo wcd=new WindowCloseDemo(); } } class WindowClose extends WindowAdapter { public void windowClosing(WindowEvent we) { System.exit(1); } }</p> <p>Figure:-</p> 	1	Y1	A	2	setLayout(new FlowLayout());
511	<p>What code would you use to construct a 24-point bold Calibri font?</p>	1	N	U	2	new Font("&quot;Calibri&quot;", Font.BOLD,24);
512	<p>What Component will be displayed in output of Following Code import java.awt.*; import java.applet.*; /* &lt;applet code="Mydemo25" width=300 height=100&gt; &lt;/applet&gt; */ public class Mydemo25 extends Applet { public void init() { TextField jt=new TextField(30); add(jt); add(new Button("OK")); } }</p>	1	N	A	2	TextBox and Button
513	<p>What component will be needed to get following output? Figure:-</p>	1	Y1	U	2	D) JPanel, JTextField, JScrollPane and Constants related to scrollbars



What components will be needed to get following output?  
Figure:-



514

1

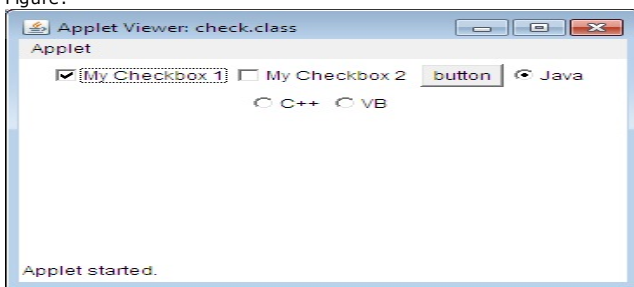
Y1

U

2

Applet, TabbedPane, ComboBox

What components will be needed to get following output?  
Figure:-



515

1

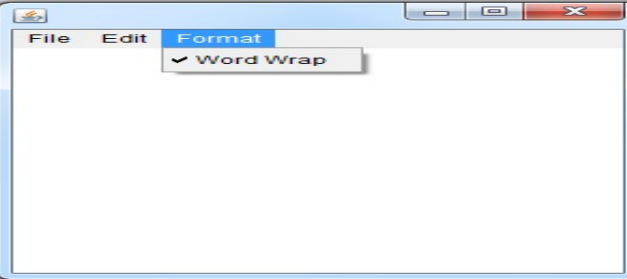

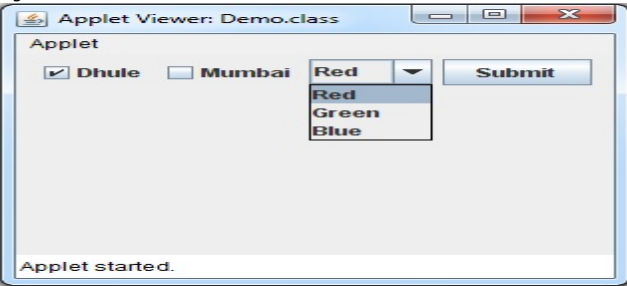
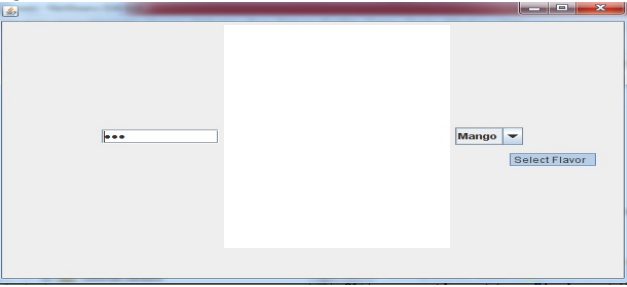
Y1

U

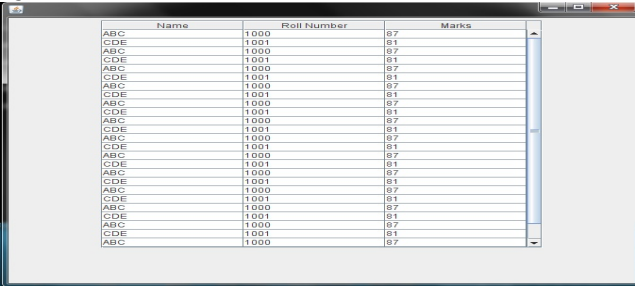

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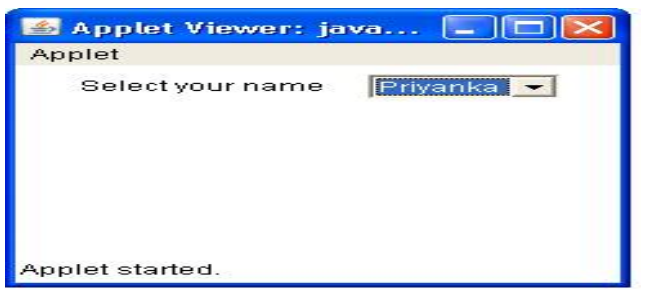
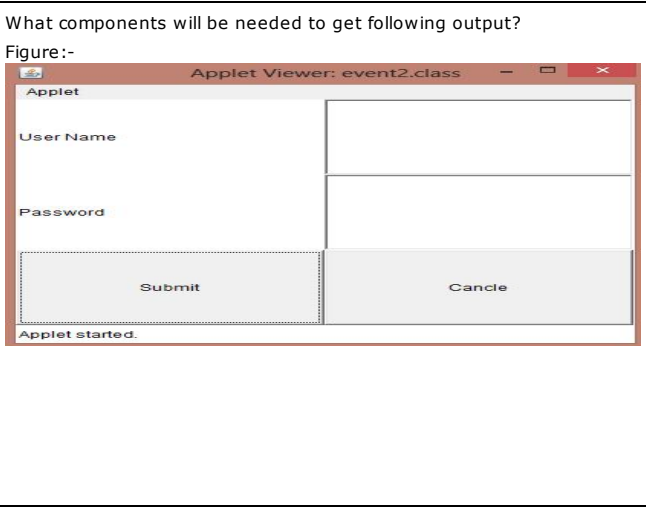
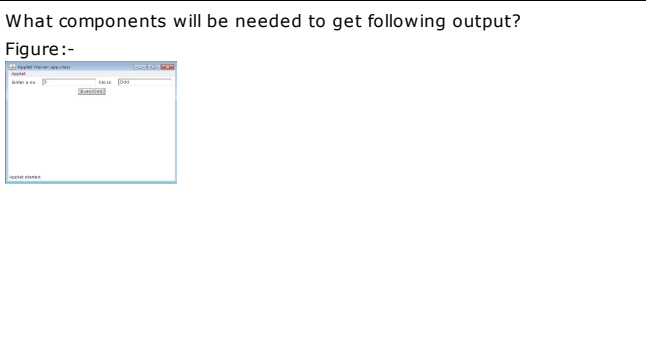
Button,Checkbox,RadioButton


What components will be needed to get following output?  
Figure:-

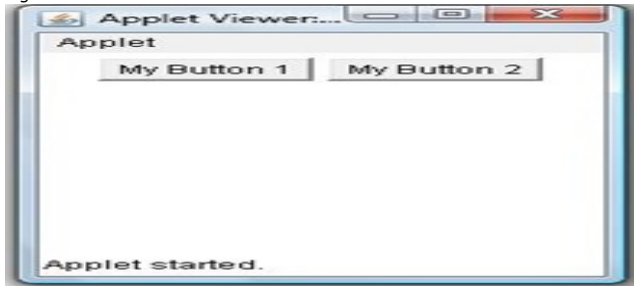

516		1	Y1	U	2	Frame, MenuBar, Menu, CheckboxMenuItem
517	<p>What components will be needed to get following output? Figure:-</p> 	1	Y1	A	2	Icon, Button, Panel, Frame
518	<p>What components will be needed to get following output? Figure:-</p> 	1	Y1	U	2	JApplet, JCheckBox, JComboBox, Jbutton
519	<p>What components will be needed to get following output? Figure:-</p> 	1	Y1	U	2	JPasswordField, JComboBox, ToolTipText, JTextArea

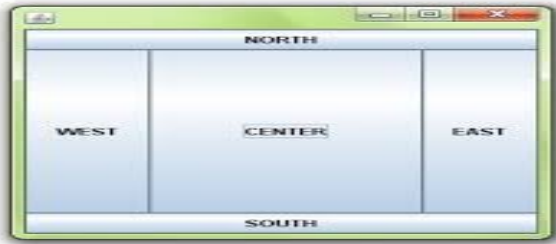



520	<p>What components will be needed to get following output? Figure:-</p> 	1	Y1	U	2 Jtable, JScrollPane
521	<p>What components will be needed to get following output? Figure:-</p> 	1	Y1	U	2 Label , Button, ComboBox
522	<p>What components will be needed to get following output? Figure:-</p>	1	Y1	U	2 Label, Choice

					
523	<p>What components will be needed to get following output? Figure:-</p> 	1	Y1	U	2 Label,textfield,Button
524	<p>What components will be needed to get following output? Figure:-</p> 	1	Y1	U	2 TextField , Label , Button
525	<p>What correction is required in the following program to get output? import java.awt.*; import java.awt.event.*; import javax.swing.*; public class demo extends JApplet { public void init () { Container co=getContentPane(); co.setLayout(new FlowLayout()); jc. addItem("Apple"); jc. addItem("Banana"); jc. addItem("Mango"); co.add(jc); } } }</p>	1	N	A	2 JComboBox jc=new JComboBox();
	<p>What Correction should be done in the following program to get the proper output? /* &lt;applet code="JTabbedPaneDemo" width=400 height=100&gt; &lt;/applet&gt; */ public class JTabbedPaneDemo extends JApplet { public void init() { JTabbedPane jtp = new JTabbedPane(); jtp.addTab("Cities", new CitiesPanel()); jtp.addTab("Colors", new</p>				

526	<pre>ColorsPanel(); getContentPane().add(jtp); } } class CitiesPanel extends JPanel { public CitiesPanel() { JButton b1 = new JButton("New York"); add(b1); JButton b2 = new JButton("London"); add(b2); } } class ColorsPanel extends JPanel { public ColorsPanel() { JCheckBox cb1 = new JCheckBox("Red"); add(cb1); JCheckBox cb2 = new JCheckBox("Green"); add(cb2); } }</pre>	1	N	A	2	Missing package sentences
527	<p>What is output of following programming statement? import java.awt.*; import javax.swing.*; public class MyGridLayout{ JFrame f; MyGridLayout(){ f=new JFrame(); JButton b1=new JButton("1"); JButton b2=new JButton("2"); JButton b3=new JButton("3"); JButton b4=new JButton("4"); JButton b5=new JButton("5"); JButton b6=new JButton("6"); JButton b7=new JButton("7"); JButton b8=new JButton("8"); JButton b9=new JButton("9"); f.add(b1);f.add(b2);f.add(b3);f.add(b4);f.add(b5); f.add(b6);f.add(b7);f.add(b8);f.add(b9); f.setLayout(new GridLayout(3,3)); f.setSize(300,300); f.setVisible(true); } public static void main(String[] args) { new MyGridLayout(); } }</p> <p>Figure:-</p> 	1	Y1	A	2	Buttons are displayed in 3 rows and 3 columns
528	<p>What is an event in delegation event model used by Java programming language?</p>	1	N	U	2	An event is an object that describes a state change in processing.
529	<p>What is missing statement in following code? import java.awt.Container; import java.awt.Font; import java.awt.GridLayout; import javax.swing.JButton; import javax.swing.JFrame; public class GridSizeTest extends JFrame { public static void main(String[] args) { GridSizeTest gst = new GridSizeTest(); gst.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); gst.pack(); } public GridSizeTest() { Container pane = getContentPane(); pane.setLayout(new GridLayout(2, 2)); JButton button = new JButton("First"); pane.add(button); button = new JButton("Hi"); button.setFont(new Font("Courier", Font.PLAIN, 36)); pane.add(button); button = new JButton("There"); } }</p>	1	N	U	2	Both a & b
530	<p>What is output of following program? import javax.swing.*; import java.awt.event.*; import java.awt.*; class Login extends JFrame { JLabel lblName, lblPass; JTextField txtName; JButton btnOk; JPasswordField txtPass; Login() { setTitle("Login"); setLayout(null); lblName=new JLabel("UserName"); lblPass=new JLabel("Password"); lblPass.setForeground(new Color(255,0,0)); lblName.setForeground(new Color(255,0,0)); txtName=new JTextField(); txtPass=new JPasswordField(); setLocation(250,80); setSize(500,250); lblName.setBounds(10,10,200,50); lblPass.setBounds(10,100,200,50); txtName.setBounds(220,10,200,50); txtPass.setBounds(220,100,200,50); lblName.setFont(new Font("Times</p>	1	Y2	A	2	

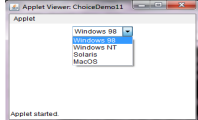
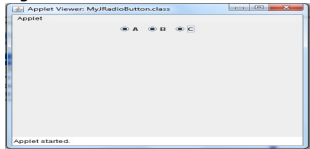
	<pre>New Roman",Font.BOLD,20)); lblPass.setFont(new Font("Times New Roman",Font.BOLD,20)); txtName.setFont(new Font("Times New Roman",Font.BOLD,20)); txtPass.setFont(new Font("Times New Roman",Font.BOLD,20)); add(lblName); add(lblPass); add(txtName); add(txtPass); btnOk=new JButton("Ok"); btnOk.setFont(new Font("Times New Roman",Font.BOLD,20)); btnOk.setBounds(100,160,80,50); add(btnOk); lblPass.setForeground(new Color(0,255,0)); lblName.setForeground(new Color(0,255,0)); } public static void main(String args[]) { new Login().setVisible(true); } }</pre>					
531	What is Purpose of Jtree ?	1	N	U	2	A tree is a component that presents a hierarchical view of data
532	What is purpose of default constructor of Scrollbar( ) class?	1	N	U	2	To create vertical Scrollbar
533	what is Runnable from following?	1	N	U	2	interface
534	<p>What is the code for following output S1Q27.jpg</p> <p>Figure:-</p> 	1	Y1	U	2	<pre>import java.applet.Applet; import java.awt.Button; /* &amp;lt;applet code=&amp;quot;CreateAWTButtonExample&amp;quot; width=200 height=200&amp;gt; &amp;lt;/applet&amp;gt; */ public class CreateAWTButtonExample extends Applet { public void init() { Button b = new Button(); b.setLabel(&amp;quot;My Button 1&amp;quot;);</pre>
535	<p>What is the correct code for given output?</p> <p>Figure:-</p> 	1	Y1	A	2	<pre>import javax.swing.JFrame; import javax.swing.JLabel; public class HelloWorldFrame extends JFrame { public static void main(String args[]) { HelloWorldFrame hw = new HelloWorldFrame(); hw.setVisible(true); } HelloWorldFrame() { JLabel jlbHelloWorld = new JLabel(&amp;quot;Hello World&amp;quot;); hw.add(jlbHelloWorld); this.setSi</pre>
536	<p>What is the correct code to get the output shown in figure?</p> <p>Figure:-</p>	1	Y1	A	2	<pre>import java.awt.*; import java.applet.Applet; public class buttonDir extends Applet { public void init() { setLayout(new BorderLayout()); add(&amp;quot;North&amp;quot;, new Button(&amp;quot;North&amp;quot;)); add(&amp;quot;South&amp;quot;, new Button(&amp;quot;South&amp;quot;)); add(&amp;quot;East&amp;quot;, new Button(&amp;quot;East&amp;quot;)); add(&amp;quot;West&amp;quot;, new Button(&amp;quot;West&amp;quot;)); add(&amp;quot;Center&amp;quot;, new Button(&amp;quot;Center&amp;quot;)); } }</pre>



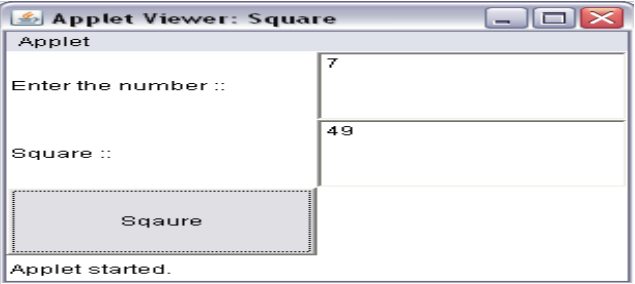
537	What is the effect of issuing a wait() method on an object ?	1	N	A	2	The object issuing the call to wait() will halt until another object sends a notify() or notifyAll() method
538	What is the layout of the given output Figure:- 	1	Y1	U	2	FlowLayout
539	What is the length of the application box made by this program? import java.awt.*; import java.applet.*; public class myapplet extends Applet { Graphic g; g.drawString("A Simple Applet", 20, 20); }	1	N	A	2	Compilation Error
540	What is the output of following program: import java.awt.*; import java.awt.event.*; import java.applet.*; public class app3 extends Frame { public static void main(String m[]) { Frame f=new Frame("BUTTON FRAME"); Button b=new Button("save"); f.add(b); f.setSize(100,200); f.setLayout(new FlowLayout()); f.setVisible(false); } }	1	N	A	2	doesn't show frame
541	What is the output of the following code: import java.awt.*; import java.applet.*; /* <applet code="GridLayoutDemo" width=300 height=200> </applet> */ public class GridLayoutDemo extends Applet { int n = 4; public void init() { setLayout(new GridLayout(n,n,10,10)); for(int i = 0; i <n; i++) { for(int j = 0; j <n; j++) { add(new Button("k")); } } }	1	Y2	A	2	A
542	What is the output of this program? Figure:-	1	Y1	A	2	Two coincided lines



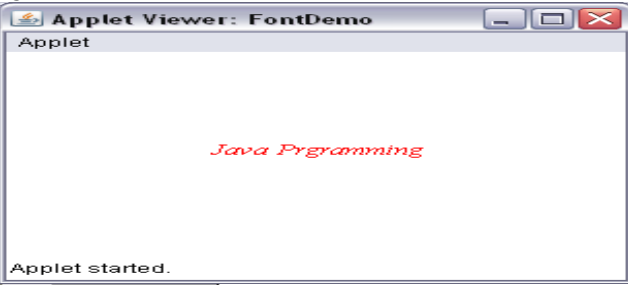
	<pre> public void paint(Graphics g) {     g.setColor(Color.red );     g.drawLine(10, 10, 200, 200);     g.setColor(Color.green);     g.drawLine(200, 200, 10, 10); } </pre>					
543	<p>What is the output of this program?</p> <p>Figure:-</p> <pre> import java.awt.*; import java.awt.event.*; public class ListTest extends Frame {     public ListTest()     {         List l=new List();         l.add("Item 1");         l.add("Item 2");         setLayout(new FlowLayout());         setVisible(true);         setSize(400,400);         Panel p1=new Panel();         add(p1);         p1.add(l);     }      public static void main(String args[])     {         ListTest l=new ListTest();     } } </pre>	1	Y1	A	2	Will display list
544	<p>What is the output of this program?</p> <p>Figure:-</p> <pre> import java.awt.*; import java.awt.event.*; public class ChoiceTest extends Frame {     public ChoiceTest()     {         Choice c=new Choice();         c.add("Item 1");         c.add("Item 2");         setLayout(new FlowLayout());         setVisible(true);         setSize(400,400);         Panel p1=new Panel();         add(p1);         p1.add(c);     }      public static void main(String args[])     {         ChoiceTest t;     } } </pre>	1	Y1	A	2	will not display any output
545	<p>What is the purpose of following code? JTextField jtf=new JTextField(15)</p>	1	N	U	2	Defining Textfield
546	<p>What is the purpose of JTabbedPane?</p>	1	N	U	2	JTabbedPane manages a set of components of linking them with tabs.
547	<p>What is the purpose of ScrollPane</p>	1	N	U	2	ScrollPane Displays component in a rectangular area
548	<p>What is the purpose of TextArea</p>	1	N	U	2	To handle multiline text input
549	<p>What is the purpose of ToggleButton?</p>	1	N	U	2	On or Off Switch

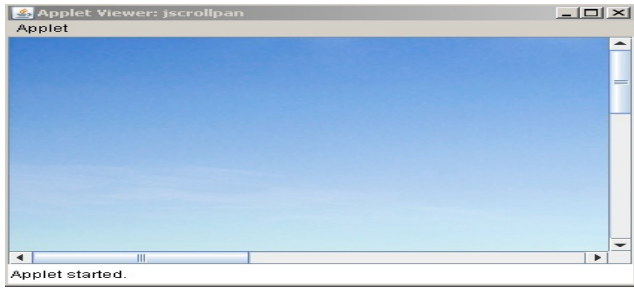
550	What is the result of executing the following Java class: <pre>import java .awt.*; public class FrameTest extends Frame { public Frame Test() { add ( new Button("First")); add ( new Button( "Second")); add (new Button ("Third")); pack() ; setVisible(true); } public static void main ( String args [] { new Frame Test ();}}</pre>	1	N	A	2	Only the third button is displayed .
551	What is the use of panel in the program given below <pre>import java.awt.*; import java.applet.*; public class Demo5 extends Applet { public void init() { setLayout(new BorderLayout()); Panel p1=new Panel(); Panel p2=new Panel(); p1.setLayout(new FlowLayout()); p1.add(new TextField(20)); p1.add(new TextField(20)); p2.setLayout(new GridLayout(5,3)); p2.add(new Button("OK")); p2.add(new Button("Submit")); add(p1,BorderLayout.EAST); add(p2,BorderLayout.WEST); } } /*&lt;applet code=Demo5.class width=300 height=400&gt; &lt;/applet&gt; */</pre>	1	N	U	2	The appletviewer window is divided into two parts using two panels so that different layouts can be assigned to the two parts.
552	What is the use of setEchoChar() method?	1	N	U	2	to create password in symbol form
553	What is the use of setLayout() method	1	N	U	2	To install a new layout manager
554	What is the use of String getActionCommand( ) method of ActionEvent class?	1	N	U	2	To obtain the label(caption) of Button
555	What is use of GridLayout Manager ?	1	N	U	2	lays out components in a two-dimensional grid
556	What layout manager should you use so that every component occupies the same size in the container?	1	N	A	2	GridLayout
557	What pattern does the FlowLayout layout manager use to add components to container?	1	N	U	2	Left to right, top to bottom
558	what should you use to position a button within an application Frame so that the size of Button is NOT affected by frame size?	1	N	U	2	FlowLayout
559	What will be output for following program: <pre>import java.awt.*; import javax.swing.*; import javax.swing.tree.*; public class feee extends JApplet { JTree t1; DefaultMutableTreeNode d1,d2,d3; public void init() { d1=new DefaultMutableTreeNode("FY"); d2=new DefaultMutableTreeNode("SY"); d3=new DefaultMutableTreeNode("TY"); t1=new JTree(d2); d2.add(d3); d3.add(d1); add(t1); } } /* &lt;applet code="feee.java" width=200 height=100&gt; &lt;/applet&gt; */</pre>	1	Y2	A	2	S1Q4403
560	What will be output of following code. <pre>import javax.swing.*; Public class Test { Public static void main(String[] args) { JButton jbtOK=new JButton("OK"); System.out.print(jbtOK.isVisible() + ","); JFrame frame =new JFrame(); System.out.println(frame.isVisible()); } }</pre>	1	N	A	2	true,false
561	What will be the error in following code? <pre>import java.awt.*; import java.applet.*; public class Demo extends Applet { List l; public void init(){ l=new List(2); l.add("Satara"); l.add("Akola"); l.add("Pune",2); int x=getItem(2); } }</pre>	1	N	A	2	the return type of method getItem () is not match
562	What will be the correct code for following output? Figure:-	1	Y1	A	2	<pre>import java.awt.*; import java.awt.event.*; class ChoiceAction extends Frame { Choice c; Label l; public ChoiceAction() { // Set frame properties setTitle("&amp;quot;Choice with ItemListener Demo&amp;quot;); setSize(400,400); setLayout(new FlowLayout()); setLocationRelativeTo(null); setVisible(true); // Create choice c=new Choice(); // Create label l=new Label(); // Add items c.add("&amp;quot;Window 98&amp;quot;); c.add("&amp;quot;Window NT&amp;quot;); c.add("&amp;quot;Solari&amp;quot;); c.add("&amp;quot;Maco&amp;quot;); // Add choice add(c); // Add label add(l); // Add item listener</pre>

						<pre>c.addItemListener(new ItemListener(){ public void itemStateChanged(ItemEvent ie) { l.setText("&amp;quot;You selected &amp;quot;+c.getSelectedItem()); } }); } public static void main(String args[]) { new ChoiceAction(); } }</pre>
563	What will be the order of four items added Choice c1 = new Choice(); c1.add("First"); c1.addItem("Second"); c1.add("Third"); c1.insert("Lastadded",2);	1	N	U	2	First,Second,Lastadded,Third
564	When the size of component is change _____ event is generated.	1	N	A	2	ComponentEvent
565	When there is a switching condition like on or off, which control is used of following?	1	N	U	2	toggle button
566	When we create a Dialog box using the Constructor Dialog (Frame f,true) the dialog box is of which type ?	1	N	U	2	Modal
567	When we invoke repaint() for a java.awt.Component object, the AWT invokes the method:	1	N	U	2	update()
568	Where g is a graphics instance what will the following code draw on the screen fillArc(45,90,50,50,90,180);	1	N	A	2	An arc bounded by a box of height 50, width 50, with a centre point of 45,90 starting at an angle of 90 degrees traversing through 180 degrees clockwise
569	Where the panel add on frame? import java.awt.*; public class CompLay extends Frame{ CompLay(){ Panel p = new Panel(); p.add(new Button("One")); p.add(new Button("Two")); p.add(new Button("Three")); add("South",p); setLayout(new FlowLayout()); setSize(300,300); setVisible(true); } public static void main(String argv[]){ CompLay cl = new CompLay(); } }	1	N	A	2	A.On left side of Frame
570	Whether the code is correct to generate the given output? /* <applet code="MyJRadioButton" width=900 height=900> </applet>*/ import java.awt.*; import javax.swing.*; public class MyJRadioButton extends JApplet { public void init() { Container c=getContentPane(); c.setLayout(new FlowLayout()); JRadioButton r1=new JRadioButton("A"); c.add(r1); JRadioButton r2=new JRadioButton("B"); c.add(r2); JRadioButton r3=new JRadioButton("C"); c.add(r3); add(r1); add(r2); add(r3); } } Figure:- 	1	Y1	A	2	Yes
571	which abstract class is the super class of all menu related classes?	1	N	U	2	MenuComponent

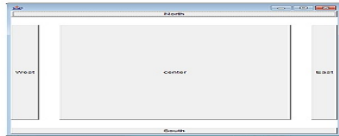


572	Which among the below is not the method applicable for Button in swing	1	N	U	2	setDisableIcon()
573	Which among the following is not correct regarding dialog?	1	N	U	2	Use of Dialog effects the working of Application
574	Which among the following is the feature of Jtable	1	N	U	2	all of these
575	Which are the valid ways to create DataInputStream streams?	1	N	A	2	new DataInputStream(new FileInputStream("&quot;in.dat&quot;));
576	Which are true about the Container class?	1	N	U	2	All of the above
577	which AWT components are used to produce given output?	1	N	U	2	Button, Label, TextField, TextArea
578	<p>Which AWT control is used to produce given output</p> <p>Figure:-</p> 	1	Y1	U	2	GridLayout, Label, TextField, Button
579	Which checkbox will be selected in the following code ( Assume with main and added to a Frame) <pre>Frame myFrame = new Frame("Test"); CheckboxGroup cbg = new CheckboxGroup(); Checkbox cb1 = new Checkbox("First",true,cbg); Checkbox cb2 = new Checkbox("Scond",true,cbg); Checkbox cb3 = new Checkbox("THird",false,cbg); cbg.setSelectedCheckbox(cb3); myFrame.add(cb1); myFrame.add(cb2); myFrame.add(cb3);</pre>	1	N	U	2	cb3
580	Which class can be used to represent a checkbox with a textual label that can appear in a menu?	1	N	U	2	Checkbox MenuItem
581	which class provides method for accessing a font's properties?	1	N	U	2	FontMerices
582	<p>Which classes are used to generate following output as shown in figure.</p> <p>Figure:-</p>	1	Y1	U	2	Both options i and iii correct.

					
583	<p>Which code is correct to generate the following output? Figure:-</p> 	1	Y1	A	2 a) Scrollbar vert = new Scrollbar(Scrollbar.VERTICAL,0, 1, 0, 100); Scrollbar horz = new Scrollbar(Scrollbar.HORIZONTAL, 0, 1, 0, 100);
584	<p>Which code will produce the out shown in figure Figure:-</p> 	1	Y1	U	2 f=new Font(&quot;Times New Roman&quot;;Font.ITALIC,14); setFont(f); //setting the new font setForeground(Color.red);
585	<p>Which componenet is needed to get the following output? Figure:-</p>	1	Y1	U	2 JScrollPane,Icon



Which Component and layout manager are used in following output  
Figure:-



586

1

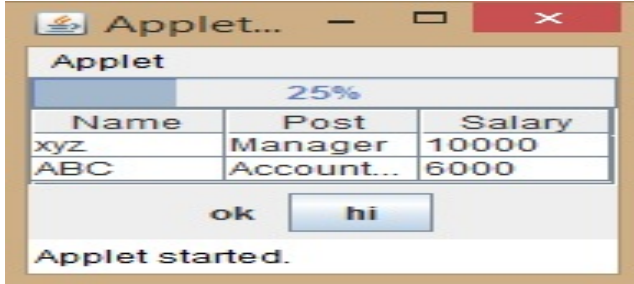
Y1

U

2

Buttons, BorderLayout

Which Component are present in following image  
Figure:-



587

1

Y1

U

2

JButton, JLabel, JTable, JProgressBar

588

Which component is display area for a short string of text, image or both?

1

N

U

2

Jlabel

589

Which component represents the hierarchical view of data

1




N

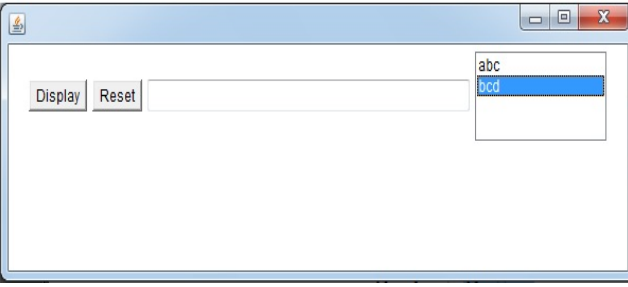

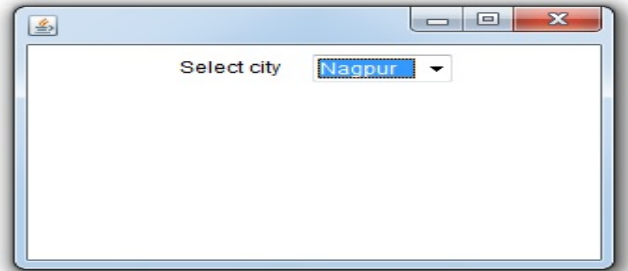
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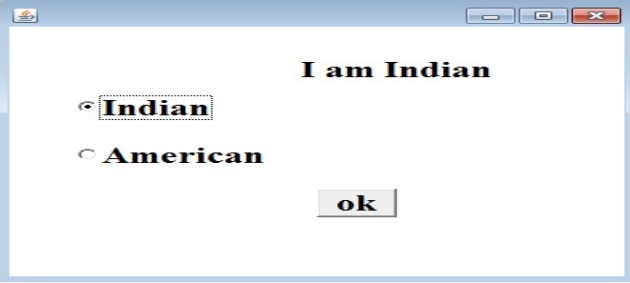
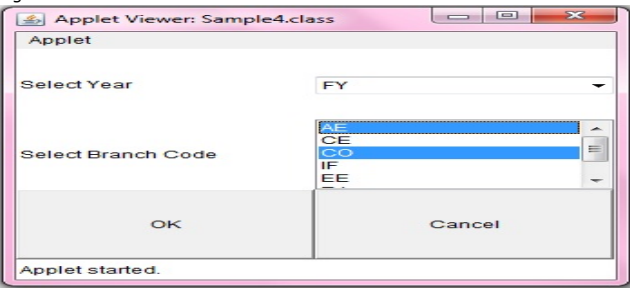
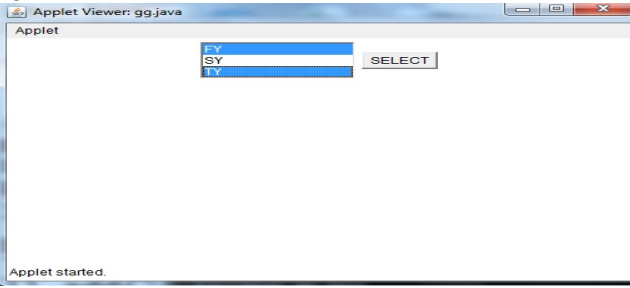
2

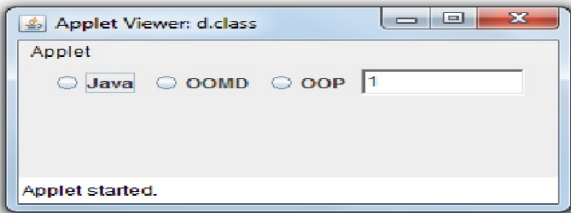
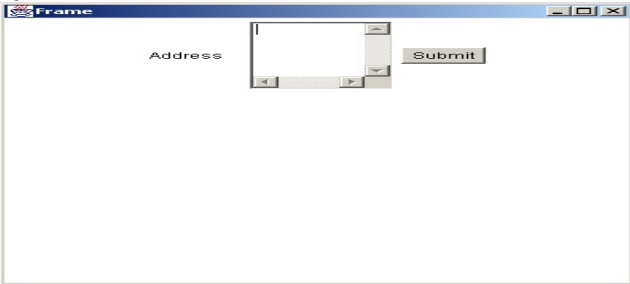
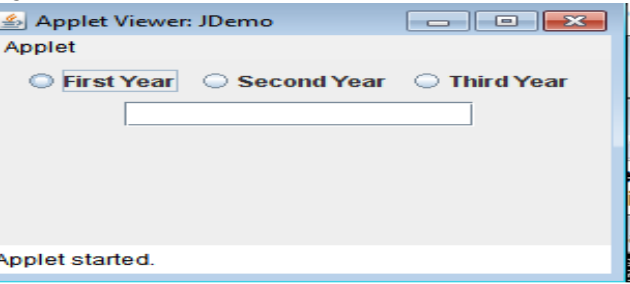
Jtree

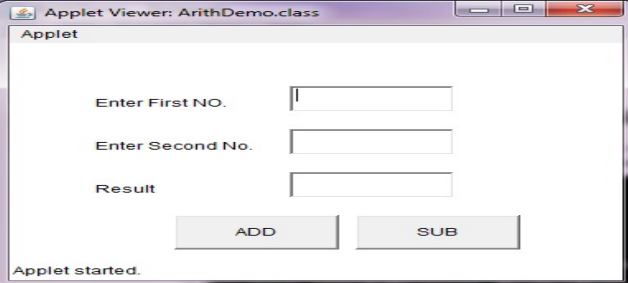
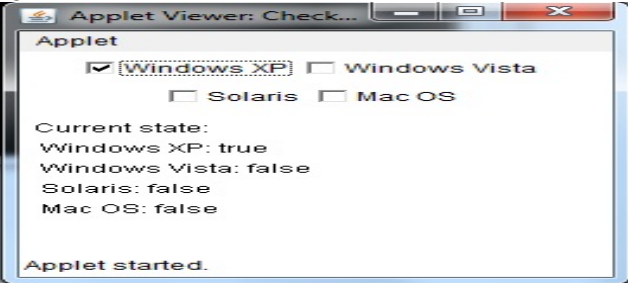

Which component required to get following output  
Figure:-

590		1	Y1	U	2	Label,TextArea,Button
591	Which Component subclass is used for drawing and painting?	1	N	U	2	Canvas
592	<p>Which components are needed to get above shown output Figure:-</p> 	1	Y1	U	2	List, Button
593	<p>Which components are needed to get below shown output? Figure:-</p> 	1	Y1	U	2	JComboBox, Button
	Which components are needed to get below shown output? Figure:-					



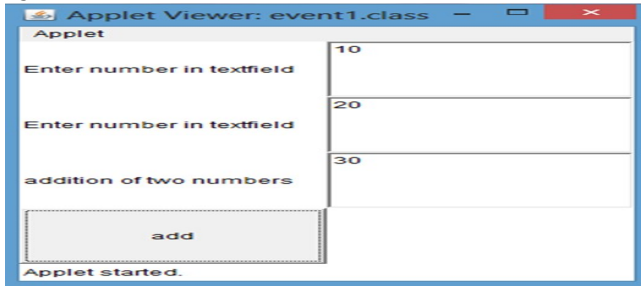
594		1	Y1	A	2	Button, Textfield,List
595	<p>Which components are needed to get below shown output? Figure:-</p> 	1	Y1	A	2	Choice, Button
596	<p>Which components are needed to get below shown output? Figure:-</p> 	1	Y1	A	2	Label,Choice
	<p>Which components are required to display following output? Figure:-</p>					

597		1	Y1	U	2	Frame, Label, CheckboxGroup, Button
598	<p>Which components are required to get following output? Figure:-</p> 	1	Y1	U	2	Applet, Choice, Button, Label, List
599	<p>Which components are required to get following output (S1Q28) Figure:-</p> 	1	Y1	U	2	List and Button
	<p>which components are used in following diagram Figure:-</p>					

600		1	Y1	U	2	JRadioButton,JTextField
601	<p>Which components are used in following output Figure:-</p> 	1	Y1	U	2	Label,TextArea,Button
602	<p>Which Components are used in Following output? Figure:-</p> 	1	Y1	U	2	JRadioButton ,JTextField
	<p>Which components are used in the following output? Figure:-</p>					

603		1	Y1	U	2	Applet,Label,TextField,Button
604	<p>Which components are used in the following output? Figure:-</p> 	1	Y1	U	2	Checkbox,Label
605	<p>Which components are used in the following output? Figure:-</p> 	1	Y1	U	2	JButton,JTextField
	<p>Which components are used in the following output? Figure:-</p>					

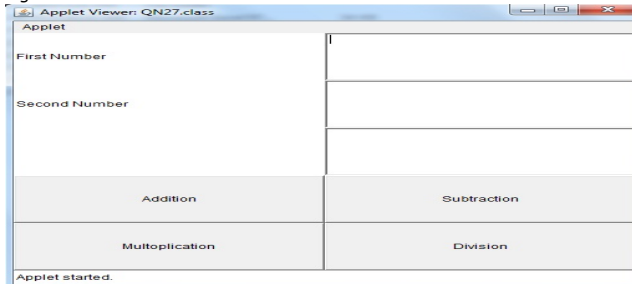


606		1	Y1	U	2	Label, Button, TextField
607	<p>Which components are used in the following output? Figure:-</p> 	1	Y1	U	2	Label, TextField, Button
608	<p>Which components are used in the following output? Figure:-</p> 	1	Y1	U	2	Label, TextField, Button
609	<p>Which components are used in the following output? Figure:-</p>	1	Y1	U	2	Label,TextField,Button



Which components are used in the following output?

Figure:-



610

1

Y1

U

2

Label,TextField,Button

Which components are used in the following output?

Figure:-



611

1

Y1

U

2

Scrollbar, Label, Choice

Which components are used in this code? import javax.swing.\*; import java.awt.\*; public class Iconbutton{ public static void main(String[] args){ JFrame frame = new JFrame("Icon on button"); JButton button = new JButton("JAVA"); Icon imgicon = new ImageIcon("java.gif");

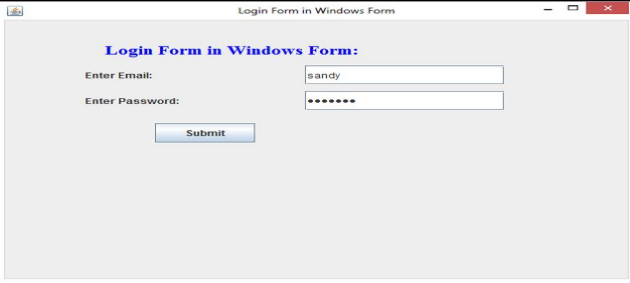
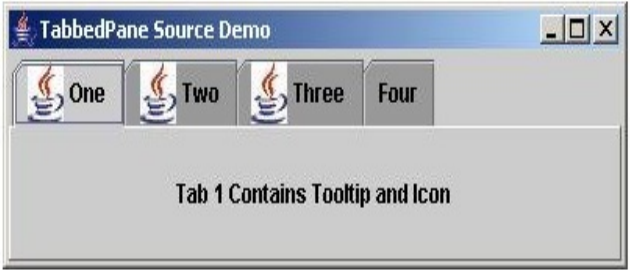
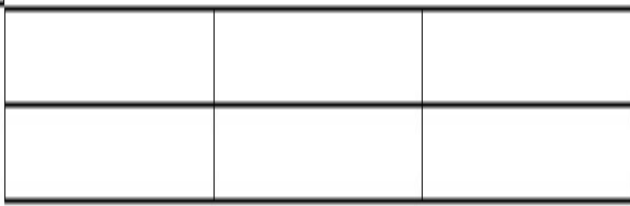
1

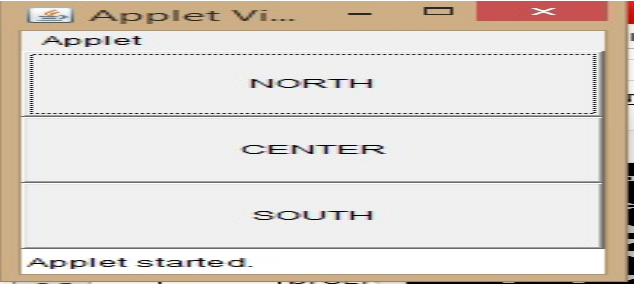
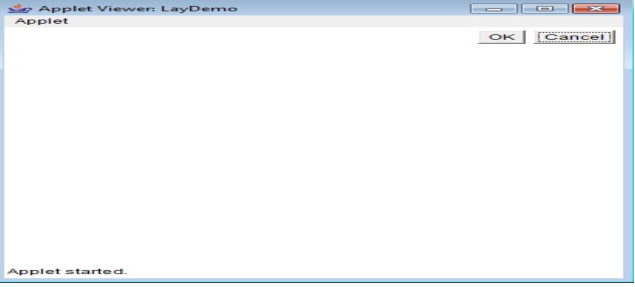

N

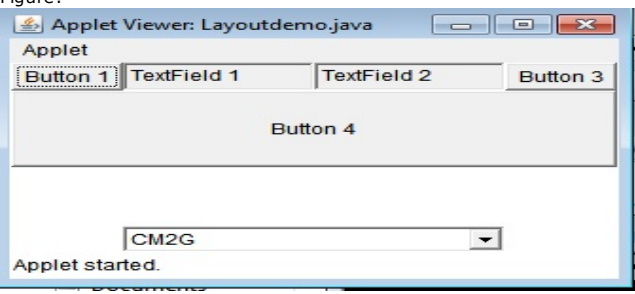
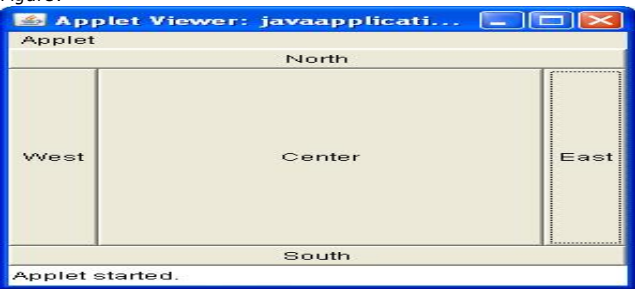
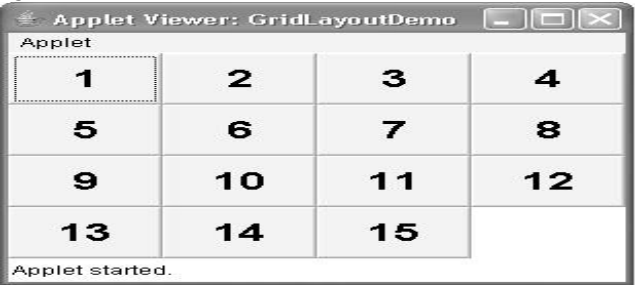
U

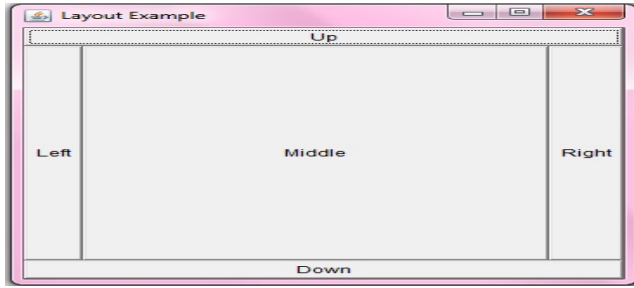
2

Button and ImageIcon

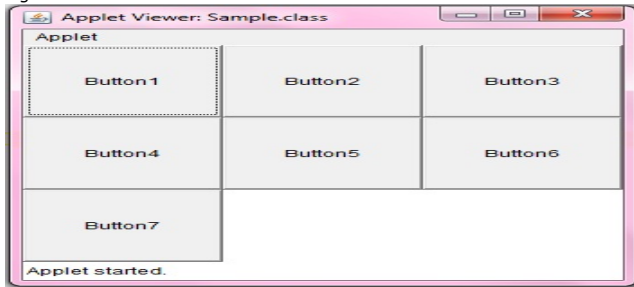
612	<pre>JPanel panel = new JPanel(); button.setIcon(imgicon); panel.add(button); frame.add(panel, BorderLayout.NORTH); frame.setSize(400, 400); frame.setVisible(true); frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); } }</pre>					
613	<p>Which components are used to develop followin window Figure:-</p> 	1	Y1	U	2	Label, TextField, Button
614	<p>Which Components need to be used to produce this output Figure:-</p> 	1	Y1	A	2	JtabbedPane, JLabel and ImageIcon
615	Which components provide support for two-state buttons?	1	N	U	2	JCheckBox, JRadioButton
616	Which constructor creates a TextArea with 10 rows and 20 columns?	1	N	U	2	new TextArea(10, 20);
617	<p>Which constructor was correct to get output Figure:-</p> 	1	Y1	U	2	Jtable(2,3)
618	Which control is a combination of text field and dropdown list?	1	N	U	2	combo boxes
619	Which Gridlayout class constructor creates single column grid Layout?	1	N	U	2	GridLayout()

620	Which is component in AWT which contain another component?	1	N	U	2	Container
621	<p>which is correct code for following image</p> <p>Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*;</pre>
622	Which is the layout manger that occupies the same size on the window?	1	N	A	2	Grid
623	<p>Which is the correct code for the following output</p> <p>Figure:-</p> 	1	Y1	A	2	<pre>import java.awt.*; import java.applet.*; public class LayDemo extends Applet { public void init() { Button b1=new Button (&amp;quot;OK&amp;quot;); Button b2=new Button(&amp;quot;Cancel&amp;quot;); FlowLayout f=new FlowLayout(FlowLayout.RIGHT); setLayout(f); add(</pre>
624	Which Label defines the constructor?	1	N	U	2	all of above
625	<p>Which layout example is this?</p> <p>Figure:-</p> 	1	Y1	U	2	FlowLayout
	Which Layout is used in following o/p					

626	<p>Figure:-</p> 	1	Y1	U	2	GridBagLayout
627	<p>Which layout is used in the following output? Figure:-</p> 	1	Y1	U	2	BorderLayout
628	<p>Which Layout is used to obtain the following output Figure:-</p> 	1	Y1	U	2	GridLayout
629	<p>Which layout manager can be used to get the following output? Figure:-</p>	1	Y1	U	2	BorderLayout



Which layout manager can be used to get the following output?  
Figure:-



630

1

Y1

U

2

GridLayout

Which layout manager is shown in the output?  
Figure:-



631

1

Y1

U

2

GridLayout

632

Which Layout Manager places component in one of the five regions: NORTH, SOUTH, WEST, EAST, CENTER.

1

N

A

2

BorderLayout

633

Which method executes only once?


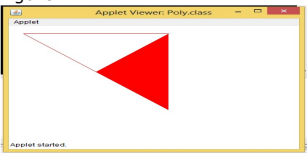
1

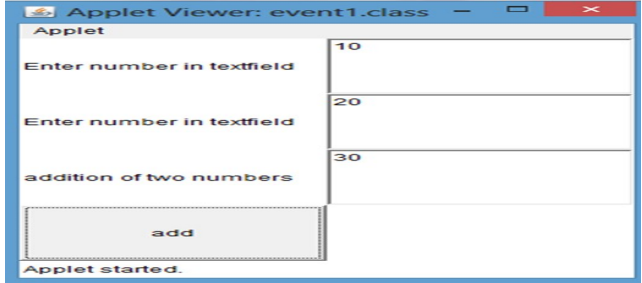
N

U

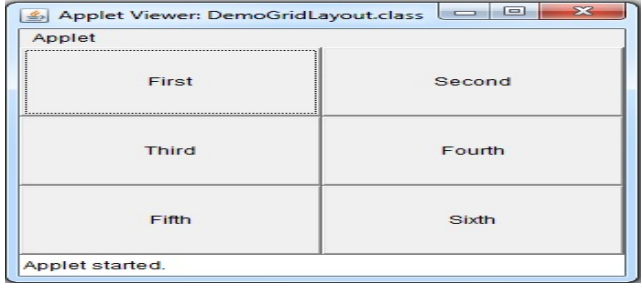
2


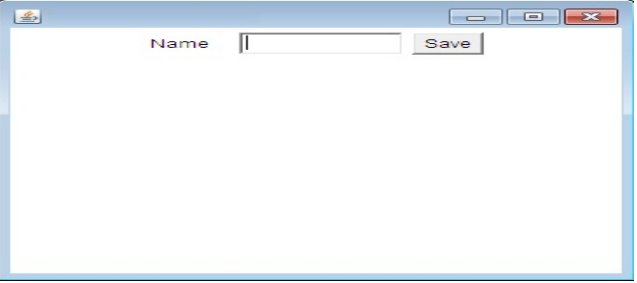
init()

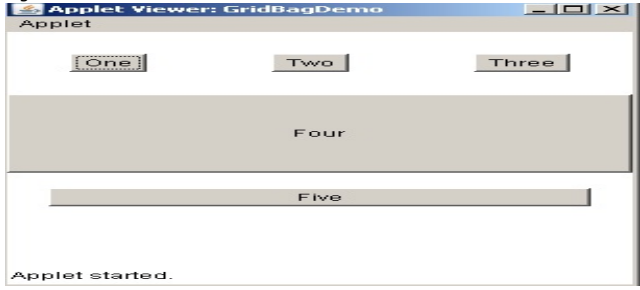
634	Which method is incorrect while creating menubar	1	N	U	2	MenuItem.add(MenuItem)
635	Which method is used to display title on titlebar of Frame?	1	N	U	2	setTitle(String title)
636	Which method is used to processes mouse click?	1	N	U	2	MouseClicked()
637	Which method is used to translate a mouse click on a specific point of the tree to a tree?	1	N	U	2	getPathForLocation()
638	Which method of Graphics class is to display "HelloWorld" on the Applet shown in figure. Figure:- 	1	Y1	U	2	drawString("&quot;HelloWorld&quot;;30,30)
639	Which method of the component class is used to set the position and the size of a component?	1	N	U	2	setBounds()
640	Which method shows the complete process in percent on the progress bar?	1	N	U	2	setStringPainted(boolean)
641	Which method specifies that the text and icon are horizontally aligned to the right in the button jbt.	1	N	U	2	jbt.setHorizontalAlignment(JButton.RIGHT)
642	Which methods are used to draw the following output? Figure:- 	1	Y1	U	2	a)drawPolygon(),fillPolygon()
643	Which of following is true?	1	N	U	2	All the methods in the JButton class are inherited from the javax.swing.AbstractButton class
644	Which of the following applet tags is legal to embed an applet class named Test into a Web Pages ? < appletclass = Test width = 200 height = 100 >	1	N	A	2	B.&lt;applet code = Test. Class width = 200 height = 100&gt;
	Which of the following are container classes? Figure:-					


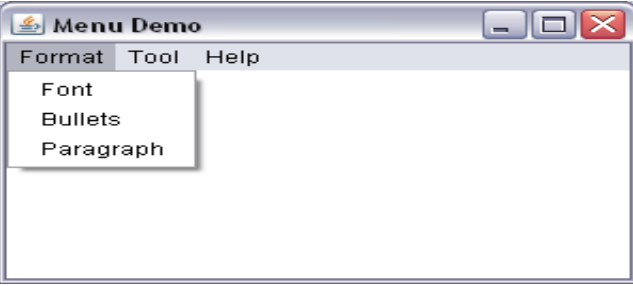
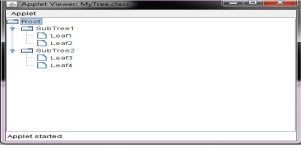
645		1	Y1	U	2	Frame and Panel
646	Which of the following commands will set a layout manager that divides the container into 3 Columns & 4 Rows?	1	N	U	2	setLayout( new GridLayout(4, 3) )
647	Which of the following constructor creates a Checkbox?	1	N	U	2	Checkbox(String str, boolean s, null)
648	Which of the following create a list with five visible items and multiple selection enabled?	1	N	U	2	new List(5,true)
649	Which of the following creates a List with 3 visible items and multiple mode selection disabled?	1	N	U	2	new List(3,false)
650	Which of the following is not a AWT control	1	N	U	2	Panel
651	Which of the following is not a constructor of FileDialog?	1	N	U	2	FileDialog()
652	Which of the following is not a constructor of Jtree?	1	N	U	2	JTree(int x)
653	Which of the following layout mangers honours the preferred size of component( Multiple)	1	N	U	2	FlowLayout
654	Which of the following method adds item "I" to the List with deprecation warnings at the end of List?	1	N	U	2	addItem("I")
655	Which of the following method use to check whether the JCheckBox jchk is selected?	1	N	U	2	jchk.isSelected()
656	Which of the following method use to get the text or caption of the button jbt?	1	N	U	2	jbt.getText()
657	Which of the following methods can be used to change the size of a java.awt.Component object? (A) dimension() (B) setSize() (C) area() (D) size() (E) resize()	1	N	A	2	(B) & (E)
658	Which of the following methods can be used to change the size of a java.awt.Component object?	1	N	U	2	setSize()
659	Which of the following methods create a LineBorder?	1	N	U	2	B AND C
660	Which of the following options is correct about Layout Manager	1	N	U	2	Both B and C
661	Which of the following statement is for placing the frames upper left corner to (200,100)	1	N	A	2	frame.setLocation(200,100)
	Which of the following statement is used to create GridLayout in the output shown below? Figure:-					




662		1	Y1	U	2	GridLayout g=new GridLayout(3,2);
663	Which of the following statements are true i) Scrollbar is a component but not a Container ii)ScrollPane is a Container and performs its own scrolling	1	N	U	2	i and ii both are true
664	Which of the following statements are true?	1	N	A	2	ALL
665	Which of the following is true about FlowLayout	1	N	U	2	both A and B
666	Which of these classes can be added to any Container class, using the add method defined in Container class ?	1	N	U	2	Button
667	Which of these events will be notified if scroll bar is manipulated?	1	N	U	2	AdjustmentEvent
668	Which of these is not a constructor of the FileDialog?	1	N	U	2	FileDialog(Frame parent,int how)
669	Which of these methods are used to register a keyboard event listener?	1	N	U	2	addKeyListener()
670	Which of these methods can be used to determine the type of event?	1	N	U	2	getID()
671	Which of these methods can be used to know which key is pressed	1	N	U	2	getModifier()
672	Which of these methods returns the class of the object?	1	N	U	2	getClass()
673	Which one is not the Layout Manager	1	N	A	2	setLayout
674	Which one is the constructor of the Jtable?	1	N	U	2	JTable(Object data[ ][ ], Object colHeads[ ])
675	Which option is correct to adding Jtree in an Applet?	1	N	U	2	Create a Jtree Object, Create a JScrollPane object, Add the tree to the scrollpane and Add the scroll pane to the content pane of the applet.
676	which package contains color class?	1	N	U	2	java.awt
677	Which package is used to add progress bar in an application?	1	N	U	2	javax.swing.JProgrssBar
678	Which part of program Below will show an error: import java.awt.*; import java.aaplet.*; import java.awt.event.*; public class Button1 extends Applet { MyButton b1; static int i=0; public void init() { b1=new MyButton("My Button "); add(b1); } class MyButton extends Button { public MyButton(String label) { super(); enableEvents(AWTEvent.ACTION_EVENT_MASK); } protected void processActionEvent(ActionEvent ae) { showStatus("Action Event : "+ i++); super.processActionEvent(ae); } }	1	N	A	2	super();
	which statement is required for following output? import java.awt.*; import java.applet.*; public class TextArea_Demo extends Applet { TextArea ta1; public void init() { ta1=new TextArea("My name Is troy",25,25); ta1.append(" name is khan "); } } Figure:-					

679		1	Y1	A	2	add(ta1)
680	<p>Which Statement is required to obtain given output by using following code public class fldemo extends Frame{ fldemo() { Button b1=new Button("Save"); Label l1=new Label("Name"); TextField t1=new TextField(10); add(l1); add(t1); add(b1); //Statement required here setSize(new Dimension(500,500)); setTitle("FlowLayout"); setVisible(true); } public static void main(String arg[]) { fldemo f=new fldemo(); } }</p> <p>Figure:-</p> 	1	Y1	A	2	setLayout(new FlowLayout());
681	<p>Which statement should be added to display button. import java.awt.*; import javax.swing.*; /* &lt;applet code="JButtonDemo" width=250 height=300&gt; &lt;/applet&gt; */ public class JButtonDemo extends JApplet { public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new FlowLayout()); ImageIcon img= new ImageIcon("jpgIcon.jpg"); JButton jb = new JButton(img); } }</p>	1	N	A	2	contentPane.add(jb);
	<p>Which statements are missing in following program to get the output as shown in fig /* &lt;applet code=GridBagDemo width=300 height=300&gt; &lt;/applet&gt;*/ import java.awt.*; import java.applet.*; public class GridBagDemo extends Applet { GridBagLayout gdb=new GridBagLayout(); GridBagConstraints c _____: Button b1=new Button("One"); Button b2=new Button("Two"); Button b3=new Button("Three"); Button b4=new Button("Four"); Button b5=new Button("Five"); public void init() { _____ c.gridx=0;c.gridy=0;c.weightx=0.5; c.weighty=0.5; gdb.setConstraints(b1,c); c.gridx=1;c.gridy=0; gdb.setConstraints(b2,c); c.gridx=2;c.gridy=0; gdb.setConstraints(b3,c); c.gridx=0;c.gridy=1; c.gridwidth=3; c.ipady=20; c.fill=GridBagConstraints.BOTH; gdb.setConstraints(b4,c);</p>					

682	<p>c.gridx=0;c.gridy=3; c.ipady=0; c.insets=new Insets(20,20,20,20);  c.fill=GridBagConstraints.NONE;  c.anchor=GridBagConstraints.PAGE_START;  c.fill=GridBagConstraints.HORIZONTAL; gdb.setConstraints(b5,c);  add(b1);add(b2);add(b3);add(b4);add(b5); } }</p> <p>Figure:-</p> 	1	Y1	A	2	both a& b
683	<p>Which statements are missing in the given code below. import java.awt.*; Import java.awt.event.*; Import java. Applet.*; public class Pral extends Applet implements ActionListener { String s; Label a ; Button b; TextArea t; public void init () { a = nw Label ( Enter Address: ",LabelLEFT); b = new Button ("OK"); add (a); add(t ); add (b); b.addActionListener(this); } public void actionPerformed (ActionEvent ae) { if (ae.getSource()==b) { repaint(); } } public void paint ( Graphics gr ) { s=t.getText(0); gr.drawString ("User Address is : " +s,150,150); } } /*&lt;applet code = Pral width = 400 height = 300 &gt; &lt;/applet&gt;*/</p>	1	N	A	2	t= new TextArea ( 5,20);
684	<p>Which statements is missing in the given code below. import java.awt.*; import java.awt. Event.*; import javax.swing.*; /*&lt;applet code = Colour width = 500 height = 500 &gt;&lt;/applet&gt;*/ public class Colour extends JApplet implements ActionListener { Container cp = getContentPane (); public void init () { cp.setLayout (new FlowLayout()); JRadioButton b1= new JRadioButton("Red"); b1.addActionListener(this); cp.add(b1); JRadioButton b2 = new JRadioButton("Green"); b2.addActionListener(this); cp.add(b2); JRadioButton("Green"); b3.addActionListener(this); cp.add(b3); } public void actionPerformed(ActionEvent ae ) { String S; s= ae.getActionCommand(); if (s=="Red") cp.setBackground(Color.red); else if (if s=="Green") cp.setBackground(Color.green); else if (s=="Blue") cp.setBackground (Color.blue.); } }</p>	1	N	A	2	ButtonGroup bg= new ButtonGroup()
685	<p>Which statements is missing in the given code below. import javax.swing.*; public class FirstSwingExample { public static void main ( String [] args) { JFrame f =new JFrame();//creating instance of JFrame JButton b = new JButton ("click") ;// creating instance of JButton b. setBounds( 130,100,100,40);//x axis ,y axis , width,height f. add(b);//adding button in JFrame f.setSize(400,500);//400 width and 500 height f.setLayout (null);//using no layout manager } }</p>	1	N	A	2	f.SetVisible(true);
	<p>Which statement is missing where ***** is marked to produce given output public class login extends JApplet { JTextField t1,t2; JLabel l1,l2; JButton b1,b2; public void init() { Container CP=getContentPane(); CP.setLayout(new GridLayout(3,2)); t1=new JTextField(15); t2=new JTextField(15); l1=new JLabel("Name :: "); ***** b1=new JButton("Login"); b2=new JButton("Cancel"); //Adding the controls to the content pane CP.add(l1);CP.add(t1);</p>					

686	<p>CP.add(l2);CP.add(t2); CP.add(b1);CP.add(b2); } }</p> <p>Figure:-</p> 	1	Y1	A	2	l2=new JLabel("&quot;Password :: &quot;);
687	<p>Which statemnet is missing in following code which will generate given output:: public class MenuDemo extends Frame { public static void main(String args[]) { MenuDemo m=new MenuDemo(); m.setTitle("Menu Demo"); m.setVisible(true); m.setSize(300,200); ***** //Setting the menu bar m.setMenuBar(mbar); //Creating menus Menu format=new Menu("Format"); Menu Tool =new Menu("Tool"); Menu Help=new Menu("Help"); //Creating menu items MenuItem item1,item2,item3,item4,item5,item6; format.add(item1=new MenuItem("Font")); format.add(item2=new MenuItem("Bullets")); format.add(item3=new MenuItem("Paragraph")); Tool.add(item4=new MenuItem("Spelling and Grammar")); Tool.add(item5=new MenuItem("Word Count")); Help.add(item6=new MenuItem("Help Topics")); //Adding menus to the menu bar mbar.add(format); mbar.add(Tool); mbar.add(Help); } }</p> <p>Figure:-</p> 	1	Y1	A	2	MenuBar mbar=new MenuBar();
688	<p>Which swing component is shown in output?</p> <p>Figure:-</p> 	1	Y1	U	2	c)Jtree
	Which swing components use ListSelectionModel	1	N	U	2	Jlist and Jtable

689						
690	Which will be correct line of code at line no 16 1. Application level 2. Import java.awt.*; 3. Import javax.swing.*; 4. /* 5. <applet code="JTextField1" width=300 height=50> 6. </applet> 7. */ 8. Public class JTextField 1 extends JApplet 9. { 10. JTextField jtf; 11. Public void init() 12. { 13. JTextField jtf; 14. Public void init() 15. { 16. .... 17. contentPane.setLayout(new FlowLayout()); 18. jtf=new JTextField(15); 19. contentPane.add(jtf); 20. } 21. }	1	N	A	2	Container contentPane=getContentPane();
691	Why we need to write static keyword to main method ?	1	N	U	2	To create single copy
692	Write a java program for following Output? Figure:- 	1	Y1	A	2	import java.awt.*; public class Butt extends Frame { public static void main(String argv[]) { Butt MyBut=new Butt(); } Butt() { setLayout(new FlowLayout(FlowLayout.CENTER)); Button HelloBut=new Button("&quot;Hello&quot;"); Button ByeBut=new Button("&quot;Bye&quot;"); add(HelloBut); add(ByeBut); setSize(300,300); setVisible(true); } }
693	write the command to compile the following code import java.awt.*; import java.applet.*; import java.awt.event.*; public class Paneldemo extends Frame { public void paneldemo() { Panel p=new Panel(); p.setBackground(Color.black); add(p); } public static void main(String args[]) { Paneldemo pd=new Paneldemo(); pd.setVisible(true); pd.setSize(500,500); } }	1	N	A	2	javac Paneldemo.java
694	Write the missing code? import javax.swing.*; public class Radio { JFrame f; Radio(){ f=new JFrame(); JRadioButton r1=new JRadioButton("A Male"); JRadioButton r2=new JRadioButton("B FeMale"); r1.setBounds(50,100,70,30); r2.setBounds(50,150,70,30); ButtonGroup bg=new ButtonGroup(); bg.add(r1);bg.add(r2); ----- f.setSize(300,300); f.setLayout(null); f.setVisible(true); } public static void main(String[] args) { new Radio(); } }	1	N	A	2	f.add(r1); f.add(r2);
695	Write the sequence of component to be added on applet ? import java.awt.*; import java.applet.*; /*<html><body> <applet code=Demo height=500 width=500></applet> </body></html>*/ public class Demo extends Applet { Label l1,l2; Button b1; TextField t1,t2; public void init() { l1=new Label("ID"); add(l1); l2=new Label("Pass"); b1=new Button("Save"); t1=new TextField(10);	1	N	U	2	Label, TextField, TextField, Label, Button

	add(t1); t2=new TextField(10); add(t2); add(l2); add(b1); } }					
696	You can create a JTable using _____	1	N	U	2	All Above
697	you can use methods _____ on any instance of java.awt.Component	1	N	U	2	setBackground
698	_____ is a platform dependant.	1	N	U	2	AWT
699	_____ method to specify the text for a standard tooltip.	1	N	U	2	setToolTipText()
700	_____ are the properties in JTable.	1	N	U	2	All Above
701	_____ is a Swing layout manager that arranges components in a row & a column.	1	N	U	2	BoxLayout
702	_____ is a widget that displays progress of a lengthy task, for instance file download or transfer.	1	N	U	2	Progressbar
703	_____ is a Swing layout manager that arranges components on top of each other in a deck.	1	N	A	2	CardLayout
704	_____ displays a message that alerts the user and waits for the user to click the OK button to close the dialog.	1	N	A	2	Message dialog box
705	_____ is not a constructor of JTree class	1	N	U	2	JTree(Button b[])
706	_____ is a superclass of TextField and TextArea classes that is used to create single-line or multiline textfields respectively:	1	N	A	2	TextComponent



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Q No	Question	To pic	Fig ure	Q Type	Mar ks	Answer
1	-----Is super class of all the events	2	N	R	1	EventObject
2	1. Which of these packages contains all the classes and methods required for even handling in Java?	2	N	R	1	java.awt.event
3	2. Which of these events is generated when the a window is closed?	2	N	R	1	WindowEvent
4	3 _____method are used to register a keyboard event listener	2	N	R	1	addKeyListener()
5	3. Which of these methods can be used to know the degree of adjustment made by the user?	2	N	R	1	getValue()
6	A MenuItem object can generate _____ events.	2	N	R	1	ActionEvent
7	A source generates an event and sends it to _____ listeners that can handle the event	2	N	R	1	One or more
8	A _____ is an object that is notified when an event occurs	2	N	R	1	Listener
9	A _____ is generated when a component is added to or removed from a container.	2	N	R	1	ContainerEvent
10	ActionEvent Class is used for Which Controll ?	2	N	R	1	Button , List ,MenuItem
11	Adapter class belongs to the package	2	N	R	1	java.awt.event
12	Adapter Class provides _____	2	N	R	1	Empty implementation of all methods of a listener
13	An event is generated when the internal state of the event source is _____.	2	N	R	1	Changed
14	An object that would like to be notified of and respond to an event is	2	N	R	1	EventListener
15	At the root of the Java event class hierarchy is _____ which is the superclass for all events.	2	N	R	1	EventObject
16	Change in the state of an object is known as _____	2	N	R	1	Event
17	CheckBox implements following Listener Interface	2	N	R	1	ItemListener
18	ComponenetEvent is the superclass of _____.	2	N	R	1	All of the above
19	Event class is defined in which of these libraries?	2	N	R	1	java.awt.event
20	Event Listeners are _____	2	N	R	1	Interfaces
21	EventObject class present in _____ package.	2	N	R	1	java.util
22	EventObject contains two important methods: _____ and _____	2	N	R	1	getSource() and toString()
23	Events are supported by the _____	2	N	R	1	java.awt.event
24	Focus events are fired whenever a component _____ the focus	2	N	R	1	gains or loses
25	FocusEvent is subclass of which of these calsses ?	2	N	R	1	ComponenetEvent
26	Generated when a window is activated, de-activated, closed, de-activated,de-iconified, iconified, opened or quit	2	N	R	1	WindowEvent

27	getID() method is provided by _____ class.	2	N	R	1	AWTEvent
28	getKeyChar( ) and getKeyCode( ) methods belongs to which event class?	2	N	R	1	KeyEvent
29	getSource() is method of which class	2	N	R	1	EventObject
30	How many types of component events are in Java?	2	N	R	1	4
31	How to obtain the command name for invoking ActionEvent?	2	N	R	1	Using getActionCommand( ) method.
32	How to remove the event listener?	2	N	R	1	Using removeTypeListener( ) method.
33	If a class extends the ActionListener interface, it must contain a method called. _____.	2	N	R	1	actionPerformed()
34	If scroll bar is manipulated..... event will be notified.	2	N	R	1	AdjustmentEvent
35	If we close an applet's window _____ event will be generated.	2	N	R	1	WindowEvent
36	If _____ is manipulated AdjustmentEvent event will be notified .	2	N	R	1	ScrollBar
37	In EventObject, which method is used to determine the type of event?	2	N	R	1	getSource()
38	In java an event is an _____ which specifies the change of state in the source.	2	N	R	1	Object
39	In Java, events are all the activities that occur between	2	N	R	1	A and B
40	In which package class AWTEvent defined	2	N	R	1	java.awt package;
41	In which package the methods for receiving and processing events are defined	2	N	R	1	java.awt.event
42	In which places can put the event handling code	2	N	R	1	All mentioned above
43	Interface used to handle menu events is	2	N	R	1	ActionListner
44	ItemListener event defines this method...	2	N	R	1	itemStateChanged()
45	KeyEvent is a subclass of _____	2	N	R	1	InputEvent
46	KeyListener interface has got _____ methods	2	N	R	1	3
47	mouseDragged() method present in which listener	2	N	R	1	MouseMotionListener
48	MouseEvent is subclass of which of these classes?	2	N	R	1	InputEvent
49	Name the event that gets generated when a button is clicked.	2	N	R	1	ActionEvent
50	Name the method defined in EventObject class that returns the Object generated from the event.select the one correct answer.	2	N	R	1	getSource()
51	On which awt component event listener can not be ap lied	2	N	R	1	Label
52	public void mouseMoved(MouseEvent me) is method of _____	2	N	R	1	MouseMotionListener
53	Scrollbar control generates ..... Event.	2	N	R	1	AdjustmentEvent
54	Select the proper constructor of EventObject class	2	N	R	1	EventObject(Object src)
55	Some of the event listener interfaces are_____	2	N	R	1	All of these
56	Source object can register only one listener	2	N	R	1	False
57	Text changed ( ) method is used for_____.	2	N	R	1	when there is changes in text occurs
58	TextEvent defines the following integer constatnt:	2	N	R	1	TEXT_VALUE_CHANGED
59	TextField generates which events	2	N	R	1	ActionEvent,TextEvent
60	The constructor which the Text Event class defines.	2	N	R	1	TextEvent(Object source, int event_type)
61	The default layout of the contentPane of a JApplet is _____.	2	N	R	1	BorderLayout




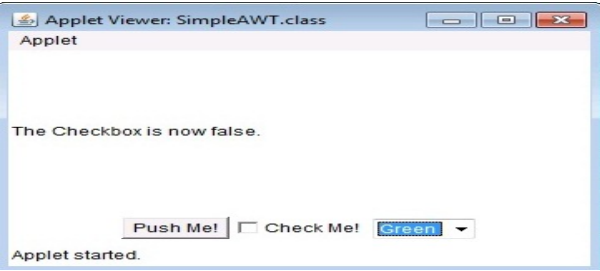
62	The delegation Event model is based on the concept of	2	N	R	1	Both A and B
63	The delegation model is used as a standard for	2	N	R	1	Event Listeneing
64	The Following are event classes	2	N	R	1	Action Event,FocusEvent ,Container Event
65	The Following are method of mouse event class	2	N	R	1	getClickCount ( )
66	The following method is an abstract method of TextListener interface.	2	N	R	1	textChanged(TextEvent obj)
67	The following method must be overridden in order to handle KeyEvent.	2	N	R	1	All of the mentioned
68	The method in the ActionEvent _____ returns the action command of the button	2	N	R	1	getActionCommand()
69	The method that is used for registering keyboard event is knows as _____.	2	N	R	1	addKeyListener ( )
70	The MouseEvent class does not defines the _____integer constant.	2	N	R	1	MOUSE_WHEELMOVE
71	The MouseListener interface is used to make mouse handling	2	N	R	1	True
72	The MouseListener's _____ method is called after mouse button is released	2	N	R	1	public void mouseClicked(MouseEvent e)
73	The MouseMotionListener Interface has _____ method.	2	N	R	1	void mouseDragged(MouseEvent me)
74	The signature for the registration method for an ActionEvent should be	2	N	R	1	public void addActionListener(ActionListener l)
75	The superclass of ContainerEvent, FocusEvent and WindowEvent is _____ .	2	N	R	1	ComponentEvent
76	The _____ interface is used to handle button events:	2	N	R	1	ActionListener
77	The _____ interface handles list events:	2	N	R	1	ItemListener,ActionListener
78	The _____interface handles choice events.	2	N	R	1	ItemListener
79	Till now two models have been introduced in java for:	2	N	R	1	Receiving and processing events
80	To write event driven programs using AWT or Swings, Use?	2	N	R	1	Option A and B
81	What is a listener in context to event handling?	2	N	R	1	A listener is a object that is notified when an event occurs.
82	What is a listener in the context to event handling?	2	N	R	1	A listener is an object that notified when event had occurred.
83	What is an event in Delegation Event model ?	2	N	R	1	An event is an object that describes a state change in a source.
84	What is event handling?	2	N	R	1	Controlling Event
85	What is use of MouseMotion Listener Interface?	2	N	R	1	mouseDragged()
86	What kind of event is fired when the user selects an item from a menu?	2	N	R	1	an ActionEvent
87	When a component obtains keyboard focus, which method is invoked?	2	N	R	1	void focusGained(FocusEvent fe)
88	When component is added or a removed from container,..... generated?	2	N	R	1	ContainerEvent
89	When key is pressed which event is occurred	2	N	R	1	Both A and B
90	When list item is double clicked, which event is generated?	2	N	R	1	ActionEvent
91	When the size of component is changed ,----- event is generated	2	N	R	1	ComponentEvent
92	When two or more objects are added as listeners for the same event, which listener is first invoked to handle the event?	2	N	R	1	There is no way to determine which listener will be invoked first.
93	when we need to use check boxes or item from the list or use a checkable menu,an _____is generated.	2	N	R	1	ItemEvent
94	Which of the following are true	2	N	R	1	The event - inheritance model is more efficient than the event - delegation model.
95	Which among the following is not an AWT Event	2	N	R	1	AdjustEvent
96	Which among the following is true for Adaptor Classes?	2	N	R	1	Adaptor classes reduce Complexity of event Listener.

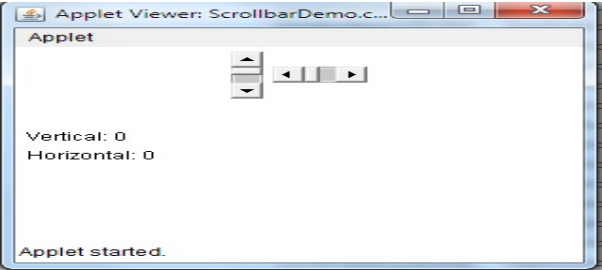
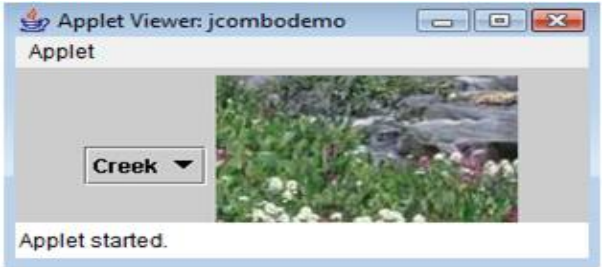
97	Which are various methods of WindowListener interface from following?	2	N	R	1	All above
98	Which are WindowEvent class defines integer constants ?	2	N	R	1	All The Above
99	Which class is at the root in Java event class hierarchy?	2	N	R	1	EventObject
100	Which class is used for this Processing Method processActionEvent( )?	2	N	R	1	Button,List,MenuItem
101	Which event is generated by List	2	N	R	1	Both A and B
102	Which Event is generated by Scrollbar class?	2	N	R	1	AdjustmentEvent
103	Which is a method of the MouseMotionListener Interface?	2	N	R	1	public void mouseDragged(MouseEvent )
104	Which is not the correct listener	2	N	R	1	TextAreaListener
105	Which is the interface of MouseEvent class ?	2	N	R	1	MouseListener
106	Which Listener handles all List related Events	2	N	R	1	ItemListener
107	Which method does display the message whenever there is an item selection or deselection of the CheckboxMenuItem menu?	2	N	R	1	itemStateChanged method.
108	Which method is applicable if alphanumeric key is pressed.	2	N	R	1	keyTyped
109	Which method is defined when action event is occurs?	2	N	R	1	actionPerformed()
110	Which Method Is used to register a mouse Motion Listener	2	N	R	1	addMouseMotionListener()
111	Which method used for return for mouse co-ordinate ?	2	N	R	1	getX ( ) ,getY()
112	Which methods are defined by ComponentListener	2	N	R	1	void componentHidden(ComponentEvent obj)
113	Which of the following are correct event handling methods	2	N	R	1	mousePressed(MouseEvent e){}
114	Which of the following are true?	2	N	R	1	Both A and B
115	Which of the following componant generate ActionEvent?	2	N	R	1	none
116	Which of the following component can generate ItemEvent?	2	N	R	1	CheckBoxMenuItem
117	Which of the following is not event class is Java?	2	N	R	1	ClickEvent
118	Which of the following is the highest class in the event delegation class hierarchy?	2	N	R	1	java.util.EventObject
119	Which of the following is the legal adapter classes in java.	2	N	R	1	MouseAdapter
120	Which of the following Listeners have their Adapter class	2	N	R	1	WindowListener
121	Which of the following method is used to register a listener to a button ?	2	N	R	1	addActionListener(ActionListener obj)
122	Which of these event is generated when a button is pressed?	2	N	R	1	ActionEvent
123	Which of these methods can be used to obtain the command name for invoking ActionEvent object?	2	N	R	1	getActionCommand()
124	Which of these a AdapterClass	2	N	R	1	KeyAdapter class
125	Which of these adapter class from following?	2	N	R	1	MouseAdapter
126	Which of these are constants defined in Window Event class	2	N	R	1	All the Above
127	Which of these constant value will change when the button at the end of scroll bar was clicked to increase its value?	2	N	R	1	UNIT_INCREMENT
128	Which of these event is generated when computer gains or loses input focus?	2	N	R	1	FocusEvent
129	which of these event will be notified if scrollbar is manipulated?	2	N	R	1	AdjustmentEvent()
130	Which of these events is generated when a window is minimized?	2	N	R	1	Both a and b

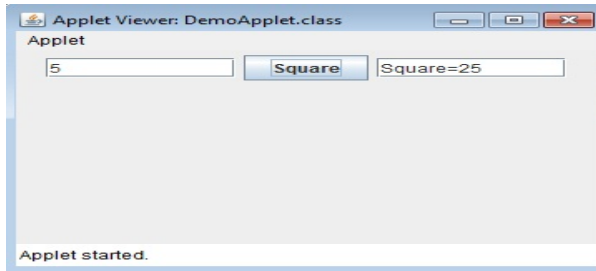
131	Which of these events is generated when the component is added or removed?	2	N	R	1	ContainerEvent
132	Which of these events will be generated if we close an Frame's window?	2	N	R	1	WindowEvent
133	Which of these interfaces define a method actionPerformed()?	2	N	R	1	ActionListener
134	Which of these is super class of WindowEvent class?	2	N	R	1	ComponentEvent
135	Which of these is superclass of all Adapter classes?	2	N	R	1	Applet
136	Which of these methods are used to determine the type of adjustment event?	2	N	R	1	getAdjustmentType()
137	Which of these methods are used to register a mouse motion listener?	2	N	R	1	addMouseMotionListener().
138	Which of these methods can be used to know the degree of adjustment made by the user?	2	N	R	1	getValue()
139	Which of these methods is defined in MouseMotionAdapter class?	2	N	R	1	mouseDragged()
140	Which of these methods is used to get x coordinate of the mouse	2	N	R	1	getX()
141	Which of these methods is used to get Y coordinate of the mouse?	2	N	R	1	getY()
142	Which of these methods is used to know the full URL of an URL object?	2	N	R	1	getHost()
143	Which of these methods is used to obtain the object that generated a ComponentEvent.	2	N	R	1	getContainer()
144	Which of these methods is used to obtain the object that generated a WindowEvent?	2	N	R	1	getWindow()
145	Which of these methods will be invoked if a character is generated?	2	N	R	1	keyTyped()
146	Which of these methods will respond when you click any button by mouse?	2	N	R	1	All of the mentioned
147	Which of these methods will respond when you click any button by mouse?	2	N	R	1	All of these
148	Which of these not a constants defined in ComponentEvent class?	2	N	R	1	COMPONENT_SIZED
149	Which two parameters are required for JTable constructor to create a table?	2	N	R	1	Data array and Column Headings
150	windowEvent is a subclass of _____	2	N	R	1	ComponentEvent()
151	_____ generates action events when an item is double-clicked.	2	N	R	1	List
152	_____is generated when checkbox is clicked, list item is clicked, choice selection is made or checkable menu item is selected or deselected.	2	N	R	1	ItemEvent
153	_____class provides an empty implementation of all methods in an Event Listener interface?	2	N	R	1	Adapter
154	_____generates an event and sends it to one or more listeners.	2	N	R	1	Event Source
155	ActionEvent: It indicates the component-defined events occurred b)MouseEvent: Events generated during the mouse operation for the object c) FocusEvent:This class indicates about the focus where the focus has gained or lost by the object. d) KeyEvent: It is generated When key is pressed	2	Y2	U	2	All a,b,c and d are correct
156	For the following code select the method that can be used to handle event. import java.awt.event.*; import java.awt.*; import java.applet.*; public class checkbackg extends Applet implements ItemListener { Checkbox m1,m2,m3; public void init() { m1=new Checkbox("A"); m2=new Checkbox("B"); m3=new Checkbox("C"); add(m1); add(m2); add(m3); m1.addItemListener(this); m2.addItemListener(this); } public void _____(ItemEvent ie) { if(ie.getSource()==m1) setBackground(Color.red); if(ie.getSource()==m2) setBackground(Color.green); } } /* <applet code=checkbackg.class height=150 width=150> </applet> */	2	N	A	2	itemStateChanged(ItemEvent ie)
157	1)For Key events, KeyEvent class is used 2)For Mouse motion events, MouseEvent class is used 3)For For Component events, CouponentEvent class is used 4)For Window events, WindowE class is used	2	N	A	2	1,2,3 are true
	1. What will be the output of the following code? import java.awt.*; import java.applet.*; import					

158	java.awt.event.*; public class adm extends Applet { public void init() { addMouseMotionListener(new mma1(this)); } } class mma1 extends MouseAdapter { adm a; public mma1(adm a) { this.a=a; } public void mouseDragged(MouseEvent me) { a.showStatus("mouse dragged"); } } /*<applet code="adm" width=500 height=500> </applet>*/	2	Y2	U	2	S1-chapter2(Q1.C).jpg
159	1.Which line of code is missing in following code and error statement code line import java.awt.*; import java.awt.event.*; import java.applet.*; /*<applet code="KeyEventDemo.class" width=400 height=400> </applet>*/ public class KeyEventDemo extends Applet implements _____ { String msg=""; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent e) { showStatus("Key Down"); int key=e.getKeyCode(); repaint(); } public void keyTyped(KeyEvent e) { msg+=e.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg,10,20); } }	2	N	A	2	KeyListener and public void keyReleased(KeyEvent e) { showStatus("&quot;Key up&quot;); }
160	4. What will happen when you attempt to compile and run the following code? import java.awt.*; import java.awt.event.*; public class mouseClicked extends Frame implements ActionListener{ public static void main(String argv[]){ mouseClicked s = new MClick(); } MClick(){ this.addMouseListener(this); } public void mouseClicked(MouseEvent e){ System.out.println(e.getWhen()); } }	2	N	A	2	Error not override MouseListener methods ,class name not found
161	5. Which statement is incorrect or missing in the following code import java.awt.*; import java.awt.event.*; import javax.swing.*; public class radio extends JApplet implements ActionListener { pulic void init() { c.setLayout(new FlowLayout()); JRadioButton b1=new JRadioButton("Red"); b1.addActionListener(this); c.add(b1); JRadioButton b2=new JRadioButton("Green"); b2.addActionListener(this); c.add(b2); JRadioButton b3=new JRadioButton("Blue"); b3.addActionListener(this); c.add(b3); ButtonGroup bg=new ButtonGroup(); bg.add(b1); bg.add(b2); bg.add(b3); } public void actionPerformed(ActionEvent e){ setBackground(e.getActionCommand()); } }	2	N	A	2	Container c=getContentPane();
162	A Frame's background color is set to Color.Yellow, and a Button's background color is to Color.Blue. Suppose the Button is added to a Panel, which is added to the Frame. What background color will be used with the Panel?	2	N	A	2	Color.Yellow .
163	A Java exception is an instance of _____.	2	N	U	2	Throwable
164	Abstract Methods of MouseMotion Listener Interface.	2	N	A	2	mouseMoved(MouseEvent) mouseDragged(MouseEvent)
165	Action event is applied on	2	N	U	2	Button, TextField, List, Menu
166	Adapter classes are similar to EventListener interfaces?	2	N	A	2	True
167	Add the missing statement.. import java.awt.*; import java.awt.event.*; import java.applet.*; /*<applet code="ButtonDemo" width=250 height=150> </applet> */ public class ButtonDemo extends Applet implements ActionListener { String msg = ""; Button yes, no, maybe; public void init() { yes = new Button("Yes"); maybe = new Button("Undecided"); add(yes); add(no); add(maybe); yes.addActionListener(this); no.addActionListener(this); maybe.addActionListener(this); } public void actionPerformed(ActionEvent ae) { String str = ae.getActionCommand(); if(str.equals("Yes")) { msg = "You pressed Yes."; } else if(str.equals("No")) { msg = "You pressed No."; } else { msg = "You pressed Undecided."; } repaint(); } public void paint(Graphics g) { g.drawString(msg, 6, 100); } }	2	N	A	2	no=new Button("&quot;NO&quot;);
168	After inserting which statement in following program, output window will be closed when close button is clicked import java.awt.event.*; import java.awt.*; class Demo extends Frame { Demo() { setSize(500,500); setVisible(true); setTitle("My Window"); } public static void main(String args[]) { new Demo(); } } class AdapterDemo extends WindowAdapter { Demo d1; AdapterDemo(Demo d) { d1=d; } public void windowClosing(WindowEvent we) { d1.dispose(); } }	2	N	A	2	addWindowListener(AdapterDemo(this));
169	An event adapter can be implemented using _____.	2	N	U	2	All of Above
170	An event is generated when internal stae of event source is _____	2	N	A	2	changed
	Analyse the following code and Find out errors. import java.awt.*; import java.applet.*; import java.awt.event.*; /*<applet code="Demo" width=200 height=80> </applet>*/ public class Demo extends Applet implements ItemListener { public void init() { Label jlb1=new Label("					

171	Select Color:"); Choice ch=new Choice(); ch.addItem("Red"); ch.addItem("Green"); ch.addItem("Blue"); TextField jtf1=new TextField(12); add(jib1); add(ch); add(jtf1); ch.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { String s=(String)ie.getItem(); jtf1.setText(s); } }	2	N	A	2	Error is in the statement String s=(String)ie.getItem();
172	Analyse the following code and find out missing statement. import javax.swing.*; import javax.swing.tree.*; public class TreeDemo extends JFrame { public static void main(String args[]) { TreeDemo frame = new TreeDemo(); frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); DefaultMutableTreeNode root = new DefaultMutableTreeNode("Root"); DefaultMutableTreeNode mercury = new DefaultMutableTreeNode("Mercury"); root.add(mercury); DefaultMutableTreeNode venus = new DefaultMutableTreeNode("Venus"); root.add(venus); DefaultMutableTreeNode mars = new DefaultMutableTreeNode("Mars"); root.add(mars); JTree tree = new JTree(root); JScrollPane scrollPane = new JScrollPane(tree); frame.add(scrollPane, BorderLayout.CENTER); frame.setSize(300, 150); frame.setVisible(true); } }	2	N	A	2	missing package statement
173	Analyse the following code and select missing statement. import java.awt.*; import java.applet.*; /* <applet code="Demo" width=200 height=80> </applet> */ public class Demo extends Applet implements ItemListener { TextField jtf; List city; public void init() { city=new List(4); city.addItem("Pune"); city.addItem("Mumbai"); city.addItem("Nagpur"); city.addItem("Kolhapur"); city.addItem("Solapur"); jtf=new TextField(12); add(jtf); } public void itemStateChanged(ItemEvent ie) { String s=city.getSelectedItem(); jtf.setText(s); } }	2	N	A	2	All of the above
174	Analyze the following code import javax.swing.*; import javax.swing.border.*; import java.awt.*; public class BorderTest extends JFrame{ public BorderTest(){ Border border=new TitledBorder("MyButton"); JButton b1=new JButton("Ok"); JButton b2=new JButton("Cancel"); b1.setBorder(border); b2.setBorder(border); add(b1, BorderLayout.NORTH); add(b2, BorderLayout.SOUTH); } public static void main(String args[]){ JFrame f=new BorderTest(); f.setSize(200,100); f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); f.setVisible(true); } } What will be the output of the above code?	2	N	A	2	Two buttons displayed with the same border.
175	Analyze the following code: import javax.swing.*; import java.awt.*; public class Test extends JFrame { public Test() { setLayout(new FlowLayout()); add(new JButton("Java")); add(new JButton("Java")); add(new JButton("Java")); } public static void main(String[] args) { // Create a frame and set its properties JFrame frame = new Test(); frame.setSize(200, 100); frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); frame.setVisible(true); } }	2	N	U	2	Four buttons are displayed with the same text &quot;Java&quot;.
176	ButtonGroup bg = new ButtonGroup(); is used to create group of _____	2	N	A	2	RadioButton
177	Choose correct fig. as ouput for given code import java.awt.*; import java.applet.*; import java.awt.event.*; public class addition2 extends Applet implements ActionListener { TextField t1; TextField t2; TextField t3; Button b; {Label num1=new Label ("Addition of two numbers"); Label num2=new Label("Enter First no in text field"); Label num3=new Label("Enter Second no in text field"); t1=new TextField(); t2=new TextField(); t3=new TextField(); b=new Button("add"); setLayout(new GridLayout(4,2)); add(num1); add(t1); add(num2); add(t2); add(num3); add(t3); add(b); b.addActionListener(this); } public void actionPerformed(ActionEvent ae) {if(ae.getSource()==b) { int n1=Integer.parseInt(t2.getText()); int n2=Integer.parseInt(t3.getText()); int sum=n1+n2; t1.setText(Integer.toString(sum)); } } /* <applet code="addition1" height=200 width=300> </applet> */	2	Y2	A	2	
178	Choose the correct missing statement from the given code import java.awt.*; import java.applet.*; import java.awt.event.*; public class eventdemo2 extends Applet implements ActionListener { TextField t1,t2; Button b1; public void init() { t1=new TextField(5); t2=new TextField(5); b1=new Button("FACTORIAL"); add(t1); add(t2); add(b1); } public void actionPerformed(ActionEvent a) { if(a.getSource()==b1) { int fact=1; int n1=Integer.parseInt(t1.getText()); while(n1!=0) { fact=fact*(n1); n1=n1-1; } t2.setText(Integer.toString(fact)); } } } /* <applet code=eventdemo2.class width=250 height=200> </applet> */	2	N	A	2	b1.addActionListener(this);
	Choose the correct option for the given code import java.awt.*; import java.awt.event.*; import java.applet.*; public class DemoE extends Applet { public void init() { Button b=new					The program will display &quot;Button clicked &quot; message in sta

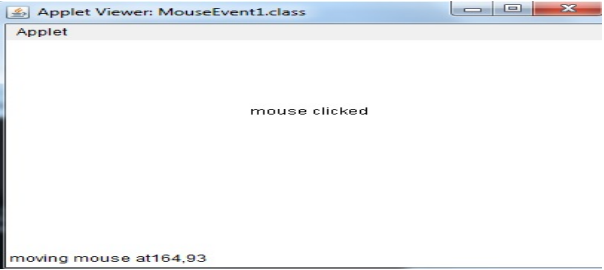
179	<pre>Button("Click"); b.addMouseListener(new MouseAdapter() { public void mouseClicked(MouseEvent me) { showStatus("Button clicked"); } }); add(b); } }</pre>	2	N	A	2	bar on clicking the button with mouse.
180	<pre>Choose the correct output for the given code /* &lt;applet code="MyControl10" width=300 height=300&gt; &lt;/applet&gt;*/ import java.applet.*; import java.awt.*; import java.awt.event.*; public class MyControl10 extends Applet implements ItemListener { CheckboxGroup g; Checkbox c1,c2,c3; int red,green,blue; public void init() { g=new CheckboxGroup(); c1=new Checkbox("Red",g,false); c2=new Checkbox("Green",g,false); c3=new Checkbox("Blue",g,true); setLayout(null); c1.setBounds(20,20,70,20); c2.setBounds(20,45,70,20); c3.setBounds(20,70,70,20); add(c1); add(c2); add(c3); c1.addItemListener(this); c2.addItemListener(this); c3.addItemListener(this); red=blue=green=0; } public void itemStateChanged(ItemEvent ie) { red=green=blue=0; if(c1.getState()) red=255; if(c2.getState()) green=255; if(c3.getState()) blue=255; repaint(); } public void paint(Graphics g) { Color c=new Color(red,green,blue); g.setColor(c); g.fillRect(90,20,100,100); } }</pre>	2	Y2	A	2	All of the above
181	<pre>Choose the correct output for the given code import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code="MyScroll2" width=300 height=200&gt; &lt;/applet&gt; */ public class MyScroll2 extends Applet implements AdjustmentListener { Scrollbar vert; TextField t; public void init() { vert = new Scrollbar(Scrollbar.VERTICAL,127, 5, 0, 255); t=new TextField(); setLayout(null); vert.setBounds(90,20,20,100); t.setBounds(75,130,50,20); add(vert); vert.addAdjustmentListener(this); } public void adjustmentValueChanged(AdjustmentEvent ae) { int v=vert.getValue(); t.setText(" "+v); } }</pre>	2	Y2	A	2	S1Q4801
182	<pre>Choose the correct output from following option When the key is pressed. import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="SimpleKey" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey extends Applet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg, X, Y); } }</pre>	2	N	A	2	Key Down msg shown at status bar
183	<p>Choose the correct Program for the following output Figure:-</p> 	2	Y1	A	2	<pre>import java.awt.*; import java.awt.event.*; import java.applet.*; pul class Fifth5 extends Applet implements ItemListener { Checkbox cb1,cb2,cb3; CheckboxGroup cbg; Label l1; public void init() { cbg=new CheckboxGroup(); cb1=new Checkbox("&amp;quot;C programming&amp;quot;;cbg,false); cb2=new Checkbox("&amp;quot;C programming&amp;quot;;cbg,true); cb3=new Checkbox("&amp;quot;C programming&amp;quot;;cbg,false); l1=new Lable("&amp;quot;Before ItemSelection&amp;quot;); add(cb1); add(cb2); add(cb3); add(l1); }</pre>
184	<p>choose the correct sequence for the following output as given below Figure:-</p> 	2	Y1	A	2	<pre>import java.awt.*; import java.awt.event.*; import java.applet.*; pul class SimpleAWT extends Applet implements ActionListener,ItemListe private Button button = new Button("&amp;quot;Push Me!&amp;quot;); private Checkbox checkbox = new Checkbox("&amp;quot;Check Me!&amp;quot;); priva Choice choice = new Choice(); Boolean b; public void init() { choice.addItem("&amp;quot;Green&amp;quot;); add(button); add(checkbox); add(choice); } public void itemStateChanged(ItemEvent ie) { b=ie.getState(); } public void paint(Graphics g) { g.drawString("&amp;quot;checkbox is now &amp;quot;;+b,5,200); } }</pre>
	<p>Choose the missing statements to be added to following program to get correct output. import java.awt.*; class Sample extends Frame implements ActionListener, ItemListener { MenuItem</p>					

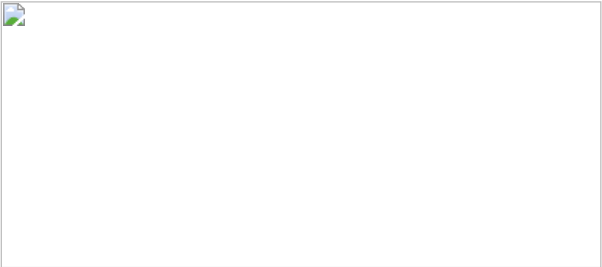

185	<pre> item1; CheckboxMenuItem item2; String str=""; Sample(String title) { super(title); MenuBar mbar = new MenuBar(); setMenuBar(mbar); Menu m = new Menu("Items"); item1 = new MenuItem("Item-1"); m.add(item1); item2 = new CheckboxMenuItem("Item-2"); m.add(item2); mbar.add(m); setSize(400,400); setVisible(true); } public void actionPerformed(ActionEvent ae) { str = "Item-1 is selected."; repaint(); } public void itemStateChanged(ItemEvent ie) { str = "Item-2 is selected."; repaint(); } public void paint(Graphics g) { g.drawString(str + " is selected.", 10, 240); } public static void main(String args[]) { Sample f=new Sample("Menu Example"); } } </pre>	2	N	A	2	<pre> import java.awt.event.*; item1.addActionListener(this); item2.addItemListener(this); </pre>
186	<p>Choose the proper code for the following output Figure:-</p> 	2	Y1	A	2	<pre> import java.awt.*; import java.awt.event.*; import java.applet.*; imp java.io.*; public class ScrollbarDemo extends Applet implements AdjustmentListener { String msg=""; Scrollbar vertSB, horiSB; public void init() { vertSB=new Scrollbar(Scrollbar.VERTICAL,0,1,0,100 horiSB=new Scrollbar(Scrollbar.HORIZONTAL,0,1,0,100); add(vertSB); add(horiSB); } public void adjustmentValueChanged(AdjustmentEver { repaint(); } public void paint(Graphics g) { g.DrawString(""Vertical:&amp;quot;+vertSB.getValue(),5,200); g.DrawString(""Horizontal:&amp;quot;+vertSB.getValue(),5,220); } } </pre>
187	<p>Clicking the closing button on the upper-right corner of a frame generates a(n) _____ event.</p>	2	N	U	2	WindowEvent
188	<p>Complete remaining code for getting output as shown in figure. import java.awt.*; import java.awt.event.*; import javax.swing.*; /* &lt;applet code="jcombodemo" width=300 height=100&gt; &lt;/applet&gt;*/ public class jcombodemo extends JApplet implements ItemListener { JLabel jl; ImageIcon green, red, black, yellow; public void init() { Container cp = getContentPane(); JComboBox jc = new JComboBox(); jc.addItem("Creek"); jc.addItem("Dock"); jc.addItem("Forest"); jc.addItemListener(this); cp.add(jc); jl = new JLabel(new ImageIcon("Creek.jpg")); cp.add(jl); }</p> <p>Figure:-</p> 	2	Y1	A	2	<pre> public void itemStateChanged(ItemEvent ie) { String s = (String)ie.getItem(); jl.setIcon(new ImageIcon(s + "&amp;quot;.jpg&amp;quot;)); </pre>
189	<p>Complete the following code for following output. import javax.swing.*; import java.awt.*; import java.awt.event.*; public class DemoApplet extends JApplet implements ActionListener { JTextField number,result; JButton c; Container c; public void init() { c = this.getContentPane(); this.setLayout(new FlowLayout()); number = new JTextField(10); c.add(number); b = new JButton("Square"); b.addActionListener(this); c.add(b); result= new JTextField(10); c.add(result); } }</p> <p>Figure:-</p>	2	Y1	A	2	<pre> public void actionPerformed(ActionEvent obj) { int n = Integer.parseInt(number.getText()); result.setText("&amp;quot;Square=&amp;quot;+(n*n)); } </pre>

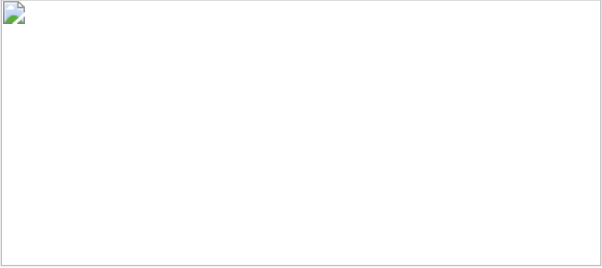
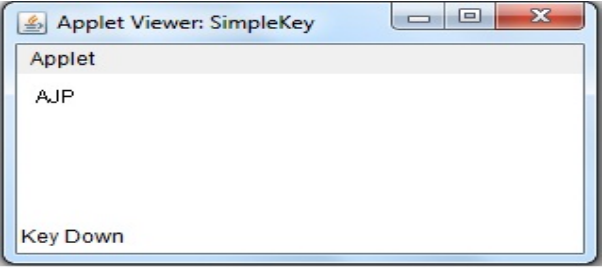


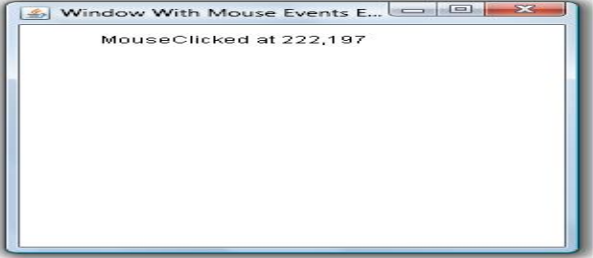
190	Component listener can not be applicable to	2	N	U	2	Frame, Label
191	Consider following code and state how many keyevent generated by this program <pre>import java.awt.event.*; import javax.swing.*; /* &lt;applet code="KeyDemo.class" width=300 height=300&gt; &lt;/applet&gt; */ public class KeyDemo extends JApplet implements KeyListener { String msg=""; int x=10,y=20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyTyped(KeyEvent ke) { msg+=ke.getKeyChar(); repaint(); } public void keyReleased(KeyEvent ke) { showStatus("Key up"); } public void paint(Graphics g) { g.drawString(msg,x,y); } }</pre>	2	N	A	2	3
192	Consider following output. Find missing statement from following code. <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; public class keyEp extends Applet implements KeyListener { String msg=" "; int x=10, y=20; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent k) { showStatus("key pressed"); int kl=k.getKeyCode(); switch(kl) { case KeyEvent.VK_LEFT: msg+="&lt;left arrow&gt;"; break; case KeyEvent.VK_RIGHT: msg+="&lt;right arrow&gt;"; break; } repaint(); } public void keyReleased(KeyEvent k) { showStatus("key up"); } public void keyTyped(KeyEvent l) public void paint(Graphics g) { g.drawString(msg,x,y); } }</pre> <p>Figure:-</p>	2	Y1	A	2	D. Missing{ }
193	Consider the following code and identify the error. <pre>import java.awt.*; import javax.swing.*; import javax.swing.JScrollPane; /* &lt;applet code="JScrollPane1" width=150 height=150&gt; &lt;/applet&gt; */ public class JScrollPane1 extends JApplet { public void init() { Container cp=getContentPane(); contentPane.setLayout(new BorderLayout()); JPanel jp=new JPanel(); jp.setLayout(new GridLayout(10,10)); Char b='A'; for(int i=0;i&lt;5;i++) { for(int j=0;j&lt;5;j++) { jp.add(new JButton("Button"+b)); ++b; } } int v=ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h= ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPane jsp=new JScrollPane(v,h); cp.add(jsp,BorderLayout.CENTER); } }</pre>	2	N	A	2	Error in statement scrollpane is created
194	Consider the following code. Event handling doesn't work on the button because of the following reason: <pre>import java.awt.event.*; import java.awt.*; public class NewApplet extends Applet implements ActionListener{ public void init() { Button b=new Button("OK"); add(b); } public void</pre>	2	N	A	2	The action listener has not been added on the button




	actionPerformed(ActionEvent e) { showStatus("Event"); } }					
195	Consider the following code. Find the missing statement. public class MyClass extends Frame { public static void main(String args[]) { MyClass win=new MyClass(); } public MyClass() { super("Window Events being tested"); setSize(150,100); setVisible(true); } class WidnowEventHandler extends WindowAdapter { public void windowClosing(WindowEvent we) { System.exit(0); } } }	2	N	A	2	addWindowListener()
196	Consider the following code.Select proper method to handle event. import java.applet.*; import java.awt.*; import java.awt.event.*; /* <applet code="AppletKeyListener.class" width="300" height="300"> </applet> */ public class AppletKeyListener extends Applet implements KeyListener { char ch; String str; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent e) { } public void keyReleased(KeyEvent e) { } public void _____ { ch = e.getKeyChar(); if(ch == 'm'    ch == 'M') str = "Good Morning"; else if(ch == 'a'    ch=='A') str = "Good Afternoon"; else if(ch == 'e'    ch=='E') str = "Good Evining"; else if(ch == 'n'    ch=='N') str = "Good Night"; else str = "Type only other letter"; repaint(); } public void paint(Graphics g) { g.drawString(str, 100, 150); showStatus("You typed " + ch + " character"); } }	2	N	U	2	keyTyped(KeyEvent e)
197	Consider the following code.what will be output of code? import java.applet.*; import java.awt.*; import java.awt.event.*; import java.util.*; public class demo4 extends Applet implements ActionListener { private Vector v; private int numofImages; private int currentImage; private Button b; public void init() { v = new Vector( 10 ); numofImages = 0; currentImage = 0; Image tempImage = getImage(getCodeBase(),"Chrysanthemum.jpg" ); v.insertElementAt(tempImage, numofImages ); numofImages++; tempImage = getImage( getCodeBase(), "Desert.jpg" ); v.insertElementAt(tempImage, numofImages ); numofImages++; tempImage = getImage( getCodeBase(), "Hydrangeas.jpg" ); v.insertElementAt(tempImage, numofImages ); numofImages++; Button b = new Button( "Next!" ); b.addActionListener( this ); add( b ); } public void paint( Graphics g ) { Image i = ( Image )v.elementAt( currentImage ); g.drawImage( i, 0, 0, this ); } public void actionPerformed( ActionEvent e ) { currentImage = (currentImage + 1 ) % numofImages; repaint(); } } /* <APPLET CODE="demo4.class" HEIGHT=200 WIDTH=300></APPLET>*/	2	Y2	A	2	All of these
198	Consider the following output,Find the missing Statement in program import java.awt.*; import java.applet.*; import java.awt.event.*; public class MouseEvent1 extends Applet implements MouseListener,MouseMotionListener { String msg=" "; int mx=0,my=0; public void init() { addMouseListener(this); addMouseMotionListener(this); } public void mouseClicked(MouseEvent me) { mx=0; my=10; msg="mouse clicked"; repaint(); } void mouseEntered(MouseEvent me) { mx=0; my=10; msg="mouse entered"; repaint(); } public void mousePressed(MouseEvent me) { mx=me.getX(); my=me.getY(); msg="mouse pressed"; repaint(); } { mx=me.getX(); my=me.getY(); msg="mouse Released"; repaint(); } public void mouseExited(MouseEvent me) { mx=0; my=10; msg="mouse Exited"; repaint(); } public void mouseDragged(MouseEvent me) { mx=me.getX(); my=me.getY(); msg="*"; showStatus("Dragging mouse at"+mx+","+my); repaint(); } public void mouseMoved(MouseEvent me) { mx=me.getX(); my=me.getY(); showStatus("moving mouse at "+mx+","+my); repaint(); } public void paint(Graphics g) { g.drawString(msg,mx,my); } } /* <applet code=MouseEvent1.class height=400 width=300> </applet>*/ S1Q47.jpg Figure:- 	2	Y1	A	2	public void mouseReleased(MouseEvent me)

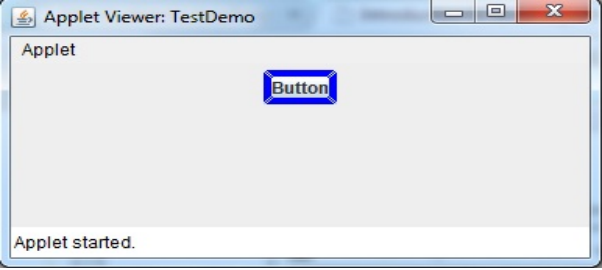
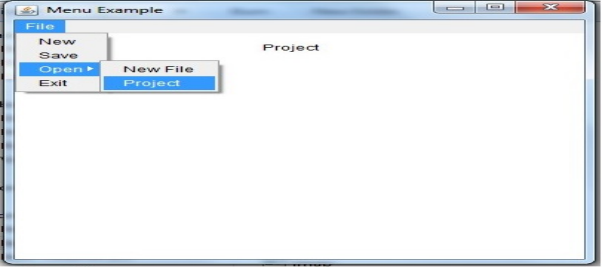
199	<p>Consider the following output. Find the missing statement in the program shown by _____.</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; import javax.swing.*; /* &lt;applet code="SimpleKey1" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey1 extends JApplet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); requestFocus(); } _____ { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg, X, Y); } }</pre>	2	N	A	2	public void keyPressed(KeyEvent ke)
200	<p>Consider the following output. Find the missing statement in the program.</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; import javax.swing.*; /* &lt;applet code="SimpleKey1" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey1 extends JApplet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg, X, Y); } }</pre>	2	N	A	2	{
201	<p>Consider the following output. Find the missing statement in the program.</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; import javax.swing.*; /* &lt;applet code="SimpleKey1" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey1 extends JApplet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); } public void paint(Graphics g) { g.drawString(msg, X, Y); } }</pre> <p>Figure:-</p> 	2	Y1	A	2	repaint();
202	<p>Consider the following output. Find the missing statement in the program.</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; import javax.swing.*; /* &lt;applet code="SimpleKey1" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey1 extends JApplet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg, X, Y); } }</pre> <p>Figure:-</p> 	2	Y1	A	2	}
	<p>Consider the following output. Find the missing statement in the program.</p> <pre>import java.awt.*;</pre>					

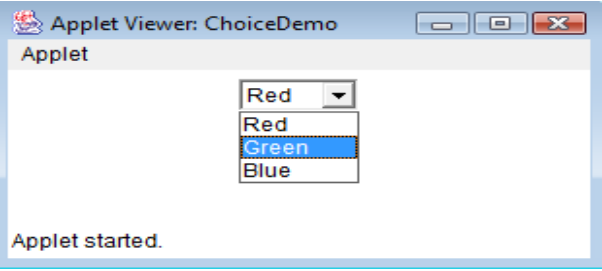

203	<pre>import java.awt.event.*; import java.applet.*; import javax.swing.*; /* &lt;applet code="SimpleKey1" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey1 extends JApplet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); requestFocus(); } public void paint(Graphics g) { g.drawString(msg, X, Y); } } </pre> <p>Figure:-</p> 	2	Y1	A	2	All of the Above
204	<p>Consider the following output. Find the missing statement in the program.</p> <pre>import javax.swing.*; /* &lt;applet code="JTabbedPaneDemo" width=400 height=100&gt; &lt;/applet&gt; */ public class JTabbedPaneDemo extends JApplet { public void init() { JTabbedPane jtp = new JTabbedPane(); jtp.addTab("Cities", new CitiesPanel()); jtp.addTab("Colors", new ColorsPanel()); jtp.addTab("Flavors", new FlavorsPanel()); } } class CitiesPanel extends JPanel { public CitiesPanel() { JButton b1 = new JButton("New York"); add(b1); JButton b2 = new JButton("London"); add(b2); JButton b3 = new JButton("Hong Kong"); add(b3); JButton b4 = new JButton("Tokyo"); add(b4); } } class ColorsPanel extends JPanel { public ColorsPanel() {JCheckBox cb1 = new JCheckBox("Red"); add(cb1); JCheckBox cb2 = new JCheckBox("Green"); add(cb2); JCheckBox cb3 = new JCheckBox("Blue"); add(cb3); } } </pre>	2	N	A	2	getContentPane().add(jtp);
205	<p>Consider the following output. Find the missing statement in the program.</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="SimpleKey" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey extends Applet implements KeyListener { String msg = ""; int X = 10, Y = 20; // output coordinates public void init() { } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } // Display keystrokes. public void paint(Graphics g) { g.drawString(msg, X, Y); } } </pre> <p>Figure:-</p> 	2	Y1	A	2	addKeyListener(this);
	<p>Consider the following output. Find the missing statement in the program.</p> <pre>import java.awt.Frame; import java.awt.event.*; public class HandleMouseListenerInWindowExample extends Frame implements MouseListener{ int x=0, y=0; String strEvent = ""; HandleMouseListenerInWindowExample(String title){ super(title); addWindowListener(new MyWindowAdapter(this)); addMouseListener(this); setSize(300,300); setVisible(true); } public void mouseClicked(MouseEvent e) { strEvent = "MouseClicked"; x = e.getX(); y = getY(); repaint(); } public void mouseReleased(MouseEvent e) { strEvent = "MouseReleased"; x = </pre>					

206	<pre>e.getX(); y = getY(); repaint(); } public void paint(Graphics g){ g.drawString(strEvent + " at " + x + ", " + y, 50,50); } public static void main(String[] args) { HandleMouseListenerInWindowExample myWindow = new HandleMouseListenerInWindowExample("Window With Mouse Events Example"); } } class MyWindowAdapter extends WindowAdapter{ HandleMouseListenerInWindowExample myWindow = null; MyWindowAdapter(HandleMouseListenerInWindowExample myWindow){ this.myWindow = myWindow; } public void windowClosing(WindowEvent we){ myWindow.setVisible(false); } } Figure:-</pre> 	2	Y1	A	2	all of the Above
207	<p>Consider the following program What correction should be done in the program to get correct output? import java.applet.*; import java.awt.event.*; /* &lt;APPLET Code="SimpleKey" Width=200 Height=250&gt; &lt;/APPLET&gt; */ public class SimpleKey extends Applet implements KeyListener { String msg=""; int X=10,Y=20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg +=ke.getKeyChar(); repaint(); } public void paint (Graphics g) { }</p>	2	N	A	2	Missing }
208	<p>Consider the following program Find the error in program to get correct output. import java.applet.*; import java.awt.*; import java.awt.event.*; /* &lt;applet code = "MouseEvent" width = 400 height = 200&gt; &lt;/applet&gt; */ public class Mouseevent extends Applet { int x=0; int y=0; public void init() { addMouseListener(new myMouseListener()); } public void start() { } public void paint(Graphics g) { g.drawString("www.msbte.com",x,y); } public class myMouseListener extends WindowAdapter { public void mouseClicked(MouseEvent e) { x = e.getX(); y = e.getY(); repaint(); } } }</p>	2	N	A	2	Error in myMouseListener class
209	<p>Consider the following program and find out the method which is wrong and correct it /*&lt;applet code=TextAreaDemo width=300 height=300&gt; &lt;/applet&gt;*/ import java.awt.*; import java.awt.event.*; import java.applet.*; public class TextAreaDemo extends Applet implements FocusListener,TextListener { TextArea text=new TextArea("AWT stands for Abstract Window Toolkit"); TextField tf=new TextField(); public void init() { add(text); add(tf); text.addFocusListener(this); text.addTextListener(this); } public void focusGained(FocusEvent e) { showStatus("TextArea got focus"); } public void focusLost(FocusEvent e) { showStatus("TextArea lost focus"); } public void valueChanged(TextEvent e) { showStatus("change in value of textarea"); } }</p>	2	N	A	2	The method public void valueChanged(TextEvent e) is wrong it should be public void textChanged(TextEvent e)
210	<p>Consider the following program and identify the missing statement. import java.applet.Applet; import java.awt.Graphics; import java.awt.event.MouseEvent; import java.awt.event.MouseMotionListener; public class Exp extends Applet implements MouseMotionListener { String msg = ""; int mouseX = 0, mouseY = 0; public void init() { } public void mouseDragged(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "";</p>	2	N	A	2	None of the above.

	<pre>showStatus("Dragging mouse at " + mouseX + ", " + mouseY); repaint(); } public void mouseMoved(MouseEvent me) { showStatus("Moving mouse at " + me.getX() + ", " + me.getY()); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } } }</pre>					
211	<p>Consider the following program. What should be the correction done in the program to get correct output? /* &lt;applet code="SimpleKey" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey extends Applet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } // Display keystrokes. public void paint(Graphics g) { g.drawString(msg, X, Y); } }</p>	2	N	A	2	missing import statement
212	<p>Consider the following program. Choose the missing statements to get correct output. import java.awt.*; import java.awt.event.*; import java.applet.*; { List year, branch; public void init() { add(new Label("Select year and branch:")); year=new List(3); branch=new List(5); year.add("First Year"); year.add("Second Year"); year.add("Third Year"); add(year); branch.add("AE"); branch.add("CO"); branch.add("EE"); branch.add("EJ"); branch.add("IF"); branch.add("ME"); add(branch); } public void paint(Graphics g) { g.drawString("You selected: "+year.getSelectedItem()+" "+branch.getSelectedItem(),10, 160); } }</p>	2	N	A	2	public class Sample extends Applet implements ItemListener year.addItemListener(this); branch.addItemListener(this); public void itemStateChanged(ItemEvent ie) { repaint(); }
213	<p>Consider the following program. Find which statement contains error. import java.awt.*; import java.awt.event.*; import java.applet.*; public class choicedemo1 extends Applet implements ItemListener { Choice os,browser; String msg=""; public void init() { os=new Choice(); browser =new Choice(); os.add("windows7"); os.add("windowsXP"); os.add("windows8"); os.add("windows98"); browser.add("netscape 3.x"); browser.add("netscape 4.x"); browser.add("netscape 5.x"); browser.add("netscape 6.x"); browser.add("Internet Explorer 4.0"); browser.add("Internet Explorer 5.0"); browser.add("Internet Explorer 6.0"); browser.add("Lynx 2.4"); browser.select("Netscape 4.x"); add(os); add(browser); os.addItemListener(this); browser.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { repaint(); } public void paint(Graphics g) { msg="Current os"; msg+=os.getSelectedItem(); g.drawString(msg,6,120); msg="Current browser"; msg+=browser.getSelectedItem(); g.drawString(msg,6,140); } }</p>	2	N	A	2	Applet Tag not declared in code
214	<p>Consider the following program. Find which statement contains error. import java.applet.*; import java.awt.*; import java.awt.event.*; /* &lt;applet code = "PasswordAL.java" width = 600 height=600&gt;&lt;/applet&gt;*/ public class PasswordAL extends Applet implements ActionListener { Button b1; String msg; TextField t1; public void init() { b1 = new Button("Click ME"); b1.addActionListener(this); add(b1); msg = "Wait"; t1 = new TextField(10); t1.setEchoChar('#'); add(t1); } public void actionPerformed() { String t; t = ae.getActionCommand(); if(t.equals("Click ME")) { t = t1.getText(); if(t.equals("java")) msg = "Correct"; else msg="Wrong"; repaint(); } } public void paint(Graphics g) { g.drawString(msg,200,200); } }</p>	2	N	A	2	error in the statement where public void actionPerformed() method is called
215	<p>Consider the following program. Identify the missing statement from the output. import java.applet.*; /* &lt;applet code="ChoiceDemo" width=300 height=180&gt; &lt;/applet&gt; */ public class ChoiceDemo extends Applet implements ItemListener { Choice os, browser; String msg = ""; public void init() { os = new Choice(); browser = new Choice(); // add items to os list os.add("Windows XP"); os.add("Windows Vista"); os.add("Solaris"); os.add("Mac OS"); // add items to browser list browser.add("Internet Explorer"); browser.add("Firefox"); browser.add("Opera"); // add choice lists to window add(os); add(browser); // register to receive item events os.addItemListener(this); browser.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { repaint(); } // Display current selections. public void paint(Graphics g) { msg = "Current OS: "; msg += os.getSelectedItem(); g.drawString(msg, 6, 120); msg = "Current Browser: "; msg += browser.getSelectedItem(); g.drawString(msg, 6, 140); }</p>	2	N	A	2	}
	<p>consider the following program. Identify which are the event need to get the correct output import java.awt.*; import java.awt.event.*; class AEvent extends Frame implements _____ { TextField tf; AEvent(){ tf=new TextField(); tf.setBounds(60,50,170,20); Button b=new Button("click me"); b.setBounds(100,120,80,30); b._____ (this); add(b);add(tf); setSize(300,300); setLayout(null); setVisible(true); } public void _____( _____ e) { tf.setText("Welcome"); } public static void main(String args[]){ new AEvent(); } }</p> <p>Figure:-</p>					

216		2	Y1	A	2	ActionListener, addActionListener, actionPerformed, ActionEvent
217	Consider the following program. What should be the correction done in the program to get colored button output? <pre>import java.awt.*; import java.applet.*; public class colordemo extends Applet { Button b1; Color c; public void init() { c=new Color(255,0,0); setBackground(c); Button b1=new Button("Click"); b.setBackground(Color.yellow); setForeground(Color.green); add(b1); } } /* &lt;applet code="colordemo" height=150 width=150 &gt; &lt;/applet&gt; */</pre>	2	N	A	2	b1.setBackground(Color.yellow);
218	Consider the following program. What should be the correction done in the program to see output? <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; public class authenticateuser extends Applet implements ActionListener { Label lblname, lblpswd, lblmsg; TextField txtname, txtpswd; Button b1; String msg=""; public void init() { lblname= new Label("Enter username:"); lblpswd= new Label("Enter pswd:"); lblmsg= new Label(""); txtname= new TextField(8); txtpswd= new TextField(8); b1=new Button("Submit"); setLayout(new GridLayout(3,2)); add(lblname); add(txtname); add(lblpswd); add(b1); add(lblmsg); b1.addActionListener(this); } public void actionPerformed(ActionEvent e) { if (txtpswd.getText().equals("1234")) lblmsg.setText("Hello " + txtname.getText()); else lblmsg.setText("Invalid user"); } } /* &lt;applet code = authenticateuser height=200 width=200 &gt; &lt;/applet&gt; */</pre>	2	N	A	2	add(txtpswd);
219	Consider the following program. What should be the correction done to get correct output? <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; public class Sample extends Applet implements ItemListener { Button red, green, blue; public void init() { red=new Button("Red"); green=new Button("Green"); blue=new Button("Blue"); add(red); add(green); add(blue); red.addItemListener(this); green.addItemListener(this); blue.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { if(ie.getSource()==red) { setBackground(Color.red); } if(ie.getSource()==green) { setBackground(Color.green); } if(ie.getSource()==blue) { setBackground(Color.blue); } } }</pre>	2	N	A	2	import java.awt.*; import java.awt.event.*; import java.applet.*; public class Sample extends Applet implements ActionListener { Button red, green, blue; public void init() { red=new Button("&quot;Red&quot;"); green=new Button("&quot;Green&quot;"); blue=new Button("&quot;Blue&quot;"); add(red); }
220	Consider the following program. What will be displayed in the output? <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="MouseEvents" width=300 height=100 &gt; &lt;/applet&gt; */ public class MouseEvents extends Applet implements MouseListener, MouseMotionListener { String msg = ""; int mouseX = 0, mouseY = 0; // coordinates of mouse public void init() { addMouseListener(this); addMouseMotionListener(this); } public void mouseClicked(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse clicked."; repaint(); } public void mouseMoved(MouseEvent me) { showStatus("Moving mouse at " + me.getX() + ", " + me.getY()); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }</pre>	2	N	A	2	compile error
221	Consider the following program. Find the listener implemented by applet. <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="Loan" width=200 height=300 &gt; &lt;/applet&gt; */ public class Loan extends Applet implements _____ { double p,r,n,total,i; String param1; boolean month; Label l1,l2,l3,l4; TextField t1,t2,t3,t4; Button b1,b2; CheckboxGroup cbg; Checkbox c1,c2; String str; public void init() { l1=new Label("Balance Amount",Label.LEFT); l2=new Label("Number of Months",Label.LEFT); l3=new Label("Interest Rate",Label.LEFT); l4=new Label("Total Payment",Label.LEFT); t1=new TextField(5); t2=new TextField(5); t3=new TextField(15); t4=new TextField(20); b1=new Button("OK"); b2=new Button("Delete"); cbg=new CheckboxGroup(); c1=new Checkbox("Month Rate",cbg,true); c2=new Checkbox("Annual Rate",cbg,true); t1.addActionListener(this); t2.addActionListener(this); t3.addActionListener(this); t4.addActionListener(this); b1.addActionListener(this); b2.addActionListener(this); c1.addItemListener(this); c2.addItemListener(this); add(l1); add(t1); add(l2); add(t2); add(l3); add(t3); add(l4); add(t4); add(c1); add(c2); add(b1); add(b2); } public void</pre>	2	N	A	2	Both B and C

	<pre>itemStateChanged(ItemEvent ie) { } public void actionPerformed(ActionEvent ae) { str=ae.getActionCommand(); if(str.equals("OK")) { p=Double.parseDouble(t1.getText()); n=Double.parseDouble(t2.getText()); r=Double.parseDouble(t3.getText()); if(c2.getState()) { n=n/12; } i=(p*n*r)/100; total=p+i; t4.setText(" "+total); } else if(str.equals("Delete")) { t1.setText(" "); t2.setText(" "); t3.setText(" "); t4.setText(" "); } } }</pre>					
222	<p>Correct code of the output window is Figure:-</p> 	2	Y1	A	2	<pre>public class TestDemo extends JApplet { public void init() { JButton b new JButton("&amp;quot;Button&amp;quot;"); Container c = getContentPane(); c.setLayout(new FlowLayout()); c.add(b); } }</pre>
223	<p>Debug the following code and find which statement contains error. import java.awt.*; import java.awt.event.*; import java.applet.*; public class DemoMouseEvent extends Applet { public void init() { this.addMouseListener(new MouseAdapter() { public void mouseEntered(MouseEvent me) { showStatus("Mouse Clicked"); } }); } } /*&lt;applet code="DemoMouseEvent.class" width=300 height=300&gt;&lt;/applet&gt;*/</p>	2	N	A	2	No error
224	<p>Event class is defined in which of these libraries?</p>	2	N	A	2	java.util
225	<p>Fill in blank import java.awt.*; import java.awt.event.*; public class MClick extends Frame implements ----- { public static void main(String argv[]){ MClick s = new MClick(); } MClick(){ this.addMouseListener(this); } public void mouseClicked(MouseEvent e){ System.out.println(e.getWhen()); } }</p>	2	N	U	2	MouseListener()
226	<p>Fill in the blanks so that the following defines a listener that will respond to window closing events: public class WindowQuitter extends _____ { public void _____( WindowEvent e ) { System.exit( 0 ); } }</p>	2	N	A	2	WindowAdapter, windowClosing
227	<p>Find Correct Output of following Program. public class ShadowTest { public int x = 0; class FirstLevel { public int x = 1; void methodInFirstLevel(int x) { System.out.println("x = " + x); System.out.println("this.x = " + this.x); System.out.println("ShadowTest.this.x = " + ShadowTest.this.x); } } public static void main(String args[]) { ShadowTest st = new ShadowTest(); ShadowTest.FirstLevel fl = st.new FirstLevel(); fl.methodInFirstLevel(23); }</p>	2	N	A	2	x = 23 this.x = 1 ShadowTest.this.x = 0
228	<p>Find Correct program to get out shown in Figure. Figure:-</p> 	2	Y1	A	2	<pre>import java.io.*; import java.awt.*; import java.applet.*; import java.awt.event.*; class menu_sam extends Frame implements ActionListener { Frame f; MenuItem ne,save,exit,nf,project; Menu file,open; MenuBar mbar; Label l1; String s=&amp;quot;&amp;quot;; menu_sam(String st) { super(st); setSize(200,200); setVisible(true); mbr=new MenuBar(); file=new Menu("&amp;quot;File&amp;quot;"); mbr.add(file) ne=new MenuItem("&amp;quot;New&amp;quot;"); save=new MenuItem("&amp;quot;Save&amp;quot;"); exit=new MenuItem("&amp;quot;Exit&amp;quot; open=new Menu("&amp;quot;Open&amp;quot;"); file.add(ne); file.add(save); file.add(open); file.add(exit); nf=new MenuItem("&amp;quot;New File&amp;quo project=new MenuItem("&amp;quot;Project&amp;quot;"); open.add(nf); open.add(project); add(mbr); } public static void main(String args[]) new menu_sam("&amp;quot;Menu Example&amp;quot;"); } public void actionPerformed(ActionEvent ae) { s=ae.getActionCommand(); repair } public void paint(Graphics g) { g.drawString(s,100,50); } }</pre>
	<p>Find error in following code import java.awt.*; import java.applet.*; /* &lt;applet code=ChoiceDemo width=300 height=100&gt; &lt;/applet&gt;*/ public class ChoiceDemo extends Applet { MyChoice choice; public void init() { choice = new MyChoice(); choice.add("Red"); choice.add("Green"); choice.add("Blue"); add(choice); } } class MyChoice extends Choice {</p>					


229	<pre>public MyChoice() { enableEvents(AWTEvent.ITEM_EVENT_MASK); } protected void processItemEvent(ItemEvent ie) { //showStatus("Choice selection: " + getSelectedItem()); super.processItemEvent(ie); }</pre> <p>Figure:-</p> 	2	Y1	A	2	import java.awt.event.*; is missing
230	<p>Find Error in following code nd select correct code : import java.io.*; import java.awt.*; import java.awt.event.*; import java.applet.*; public class choiceve extends Applet implements ItemListener {String m=" "; Choice os; public void init() {os=new Choice(); os.add("Windows 98"); os.add("Windows XP"); os.add("Windows Vista"); add(os); os.addItemListener(this); } public void itemValueChanged(ItemEvent e) {repaint(); } public void paint(Graphics g) { m="Selected OS:"+os.getSelectedItem(); g.drawString(m,10,60); } } /*&lt;applet code="choiceve.class" width=400 height=300&gt; &lt;/applet&gt; */</p>	2	N	A	2	import java.io.*; import java.awt.*; import java.awt.event.*; import java.applet.*; public class choiceve extends Applet implements ItemListener {String m="&quot;&quot;; Choice os; public void init() {os=new Choice(); os.add("&quot;Windows 98&quot;"); os.add("&quot;Windows XP&quot;"); os.add("&quot;Wind
231	<p>Find error in following program. import java.awt.*; import java.applet.*; /*&lt;applet code="choicedemo" width=300 height=180&gt; &lt;/applet&gt; */ public class ChoiceDemo extends Applet implements ItemListener { Choice os; String msg = ""; public void init() { os = new Choice(); os.add("Windows 98/XP"); os.add("Windows NT/2000"); add(os); add(browser); // register to receive item events os.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { repaint(); } public void paint(Graphics g) { msg = "Current OS: "; msg += os.getSelectedItem(); g.drawString(msg, 6, 120); } }</p>	2	N	A	2	both A and B
232	<p>Find missing Lines in following Program. import java.awt.*; import java.io.*; import java.awt.event.*; import java.applet.*; public class ex7 extends Applet implements KeyListener { String msg = ""; int X=10,Y=20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent k) { showStatus("KeyDown"); int key=k.getKeyCode(); switch(key) { case KeyEvent.VK_UP: showStatus("UP KEY PRESSED"); break; } repaint(); } public void keyReleased(KeyEvent k) { showStatus("Key Up"); } public void paint(Graphics g) { g.drawString(msg,X,Y); } } /* &lt;applet code =ex7 width =500 height =500&gt; &lt;/applet&gt; */</p> <p>Figure:-</p> 	2	Y1	U	2	public void keyTyped(KeyEvent k) { msg+=k.getKeyChar(); repaint(); }
233	<p>Find missing statement in given code: import java.io.*; import java.awt.*; import java.awt.event.*; import java.applet.*; public class arith extends Applet implements ActionListener {Label l1,l2,l3; TextField t1,t2,t3; Button b1,b2; public void init() {l1=new Label("Number1:"); l2=new Label("Number2:"); l3=new Label("Result:"); t1=new TextField();t2=new TextField(); t3=new TextField();b1=new Button("Add"); b2=new Button("Sub"); b1.addActionListener(this); b2.addActionListener(this);</p>	2	N	A	2	= missing

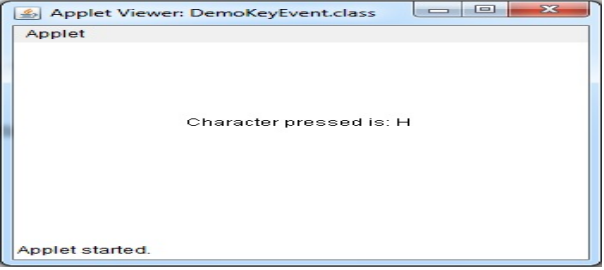


	add(l1);add(t1);add(l2);add(t2); add(l3);add(t3);add(b1);add(b2); }public void actionPerformed(ActionEvent e) {if(e.getSource()==b1) {int a=Integer.parseInt(t1.getText()); int b=Integer.parseInt(t2.getText()); int c=a+b; t3.setText(Integer.toString(c)); }} /* <applet code="arith.class" width=400 height=300></applet>*/					
234	Find missing statements in order from top to end of the program import java.awt.*; import java.awt.event.*; import java.applet.*; public class RadioDemo extends JApplet implements _____ { public void init() { Container c=getContentPane(); JRadioButton b1=new JRadioButton("Red"); JRadioButton b2=new JRadioButton("Blue"); b1.add_____ (this); b2.add_____ (this); c.add(b1); c.add(b2); ButtonGroup bg=new ButtonGroup(); bg.add(b1); bg.add(b2); } public void _____ { } }	2	N	A	2	ActionListener ,addActionListener,addActionListener,actionEvent(ActionEvent ae)
235	find out missing statement in following code import java.awt.*; import javax.swing.*; import java.applet.*; public class ass1 extends JApplet implements ItemListener { JTextArea jtf; JComboBox jb; public void init() { Container ContentPane=getContentPane(); ContentPane.setLayout(new FlowLayout()); String alpha[]={ "A","B","C","D","E","F","G","H","I","J","K","L"}; JComboBox jb=new JComboBox(alpha); ContentPane.add(jb); jtf=new JTextArea(20,10); } public void itemStateChanged(ItemEvent IE) { String str=(String)IE.getItem(); jtf.append(str); } } /* <applet code="ass1.class" width="400" height="500" ></applet>*/	2	N	U	2	All of these
236	Find out the Error statement import java.applet.*; import java.awt.event.*; /* <applet code="InnerClassDemo" width=200 height=100></applet> */ public class InnerClassDemo extends Applet { public void init() { addMouseListener(new MyMouseAdapter()); } class MyMouseAdapter { public void mousePressed(MouseEvent me) { showStatus("Mouse Pressed"); } } }	2	N	A	2	addMouseListener(new MyMouseAdapter()); class MyMouseAdapter
237	find out the errors in the following code if any and correct them: import java.awt.event.*; /* <applet code =" AdapterDemo" height = 250 width =350 ></applet>*/ public class Adapter Demo extends Applet { public void init () { addMouseListener ( new Mouse Adapter() { int topX, bottom Y; public void Mousepressed ( MouseEvent me ) { topX = me.getX(); bottom Y me.get Y (); } public void mouse Released ( MouseEvent me ) Graphics g = AdapterDemo. this getGraphics ( 0; g. draw Rect( topX, bottomY, me.GetX()-topX, me. get Y ()-bottomY); } } ); } }	2	N	A	2	public void mousePressed (MouseEvent me )
238	Find out the missing statement shown by _____in the following code import java.awt.event.*; import java.applet.*; public class AnnoymousDemoQ extends Applet { public void init() { _____ { public void mouseClicked(MouseEvent m) { showStatus("MOUSE CLICKED"); } } }; } /* <applet code=AnnoymousDemoQ.class width=500 height=500></applet>*/	2	N	A	2	addMouseListener(new MouseAdapter())
239	Find out the missing statements shown by _____in the following code. import java.awt.*; import java.awt.event.*; class ClosableFrame extends _____ { ClosableFrame(String s) { super(s); addWindowListener(new _____()) { public void windowClosing(_____ w) { System.exit(0); } } }; } public void paint(Graphics g) { g.drawString("My Frame",200,200); } public static void main(String args[]) { ClosableFrame f=new ClosableFrame("Hello"); f.setVisible(true); f.setSize(400,400); } }	2	N	A	2	Frame, WindowAdapter,WindowEvent
240	Find out which listener is used in following program:import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="TextFieldDemo" width=380 height=150></applet> */ public class TextFieldDemo extends Applet implements _____ { TextField name, pass; public void init() { Label namep = new Label("Name: ", Label.RIGHT); Label passp = new Label("Password: ", Label.RIGHT); name = new TextField(12); pass = new TextField(8); pass.setEchoChar('?'); add(namep); add(name); add(passp); add(pass); name.addActionListener(this); pass.addActionListener(this); } public void actionPerformed(_____ ae) { repaint(); } public void paint(Graphics g) { g.drawString("Name: " + name.getText(), 6, 60); g.drawString("Selected text in name: " + name.getSelectedText(), 6, 80); g.drawString("Password: " + pass.getText(), 6, 100); } }	2	N	A	2	ActionListener
241	Find the error in the code public void itemStateChanged(ItemEvent ie) { l.setText(c.getSelectedItem()); }	2	N	A	2	No error
	Find the error in the following code import java.awt.*; import java.applet.*; public class Demo extends Applet implements ActionListener { public void init() { Button b=new					


242	<pre>Button(); add(b); b.addActionListener(); } public void actionPerformed(Event ae) {     showStatus("Button clicked"); } } 1) Button constructor is wrong 2) Error is     addActionListener method 3)ActionListener method should be public void actionPerformed(Event     ar) 4)ActionListener method should be public void actionPerformed(ActionEvent ae)</pre>	2	N	A	2	2 and 4 is true
243	<p>Find the missing at ***** in following code. import java.awt.*; import java.applet.*; import java.awt.event.*; public class key extends Applet implements *****Listener { String msg=" "; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent k) { showStatus("key pressed"); } public void keyReleased(KeyEvent k) { showStatus("key released"); } public void keyTyped(KeyEvent k) { showStatus("key typing"); } public void paint(Graphics g) { g.drawString(msg,80,100); } } /*&lt;applet code="Key" width=600 height=600&gt;&lt;/applet&gt; */</p>	2	N	A	2	Key
244	<p>find the missing method following given code import java.awt.*; import java.awt.event.*; public class ButtonTest3 { public static void main(String[] args) { Frame f = new ButtonTestFrame("Button Test"); f.setSize(150, 100); f.setVisible(true); } } class ButtonTestFrame extends Frame { public ButtonTestFrame(String title) { super(title); setLayout(new BorderLayout()); Button b = new Button("Close window"); add(b); b.addActionListener(new ButtonListener()); addWindowListener(new WindowCloser()); } } class ButtonListener implements ActionListener { public void actionPerformed(ActionEvent evt) { System.exit(0); } } class WindowCloser extends WindowAdapter { public void _____(WindowEvent evt) { } }</p>	2	N	A	2	windowClosing()
245	<p>Find the missing statement for getting following output import java.awt.*; import javax.swing.*; import java.awt.event.*; public class Swing_Demo1 extends JApplet implements ActionListener { JButton b1,b2,b3,b4; JTextField t1; public void init() { Container c=getContentPane(); c.setLayout(new GridLayout(3,3)); t1=new JTextField(20); c.add(t1); ImageIcon i1=new ImageIcon("Sunset.jpg"); ImageIcon i2=new ImageIcon("Blue hills.jpg"); ImageIcon i3=new ImageIcon("Winter.jpg"); ImageIcon i4=new ImageIcon("Water lilies.jpg"); b2=new JButton(i2); b3=new JButton(i3); b4=new JButton(i4); b1.setActionCommand("Sunset image"); b2.setActionCommand("Blue hills"); b3.setActionCommand("Winter"); b4.setActionCommand("Water lilies"); b1.addActionListener(this); b2.addActionListener(this); b3.addActionListener(this); b4.addActionListener(this); c.add(b1); c.add(b2); c.add(b3); c.add(b4); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) t1.setText(b1.getActionCommand()); if(ae.getSource()==b2) t1.setText(b2.getActionCommand()); if(ae.getSource()==b3) t1.setText(b3.getActionCommand()); if(ae.getSource()==b4) t1.setText(b4.getActionCommand()); } }</p> <p>Figure:-</p> 	2	Y1	A	2	b1=new JButton(i1);
246	<p>Find the missing statement in the program. /* &lt;APPLET Code="InnerClassDemo" Width=200 Height=250&gt; &lt;/APPLET&gt; */ public class InnerClassDemo extends Applet { public void init() { addMouseListener(new MyMouseAdapter()); } class MyMouseAdapter extends MouseAdapter { public void mousePressed(MouseEvent me) { showStatus("Mouse Pressed") } } }</p>	2	N	A	2	Missing semicolon
247	<p>Find the missing statement in the program. import java.applet.Applet; import java.awt.*; import java.awt.event.*; /* &lt;APPLET CODE=textarea.class WIDTH=200 HEIGHT=200 &gt; &lt;/APPLET&gt; */ public class textarea extends Applet { TextArea textarea1; Button button1; public void init() { textarea1 = new TextArea("", 10, 20, TextArea.SCROLLBARS_BOTH); add(textarea1); button1 = new Button("Click Me!"); add(button1); button1.addActionListener(this); } public void actionPerformed (ActionEvent e) { String msg = "Hello from Java!"; if(e.getSource() == button1){</p>	2	N	A	2	implements ActionListener

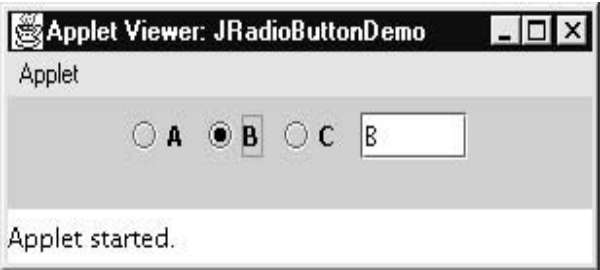
	<code>textarea1.insert(msg, 0); } } }</code>					
248	Find the statement in which there is error <code>import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code="DemoButton.class" height=500 width=500&gt;&lt;/applet&gt; */ public class DemoButton extends Applet implements ActionListener { String msg = " "; Button barr[] = new Button[3]; public void init() { Button yes = new Button("YES"); Button no = new Button("No"); Button undecided = new Button("UNDECIDED"); barr[0] = (Button)add(yes); barr[1] = (Button)add(no); barr[2] = (Button)add(undecided); for(int i=0; i&lt;3; i++) { barr.addActionListener(this); } } public void actionPerformed(ActionEvent ae) { for(int i=0; i&lt;3; i++) { if(ae.getSource() == barr[i]) { msg = " You Pressed " + barr[i].getLabel(); } } //if end } //for end repaint(); } //method end public void paint(Graphics g) { g.drawString(msg, 100, 100); } }</code>	2	N	U	2	<code>barr.addActionListener(this);</code>
249	following code select the method that can be used to handle event. <code>import java.awt.event.*; import java.awt.*; import java.applet.*; public class checkbackg extends Applet implements ItemListener { Checkbox m1, m2, m3; public void init() { m1 = new Checkbox("A"); m2 = new Checkbox("B"); m3 = new Checkbox("C"); add(m1); add(m2); add(m3); m1.addItemListener(this); m2.addItemListener(this); } public void _____ (ItemEvent ie) { if(ie.getSource() == m1) setBackground(Color.red); if(ie.getSource() == m2) setBackground(Color.green); } } /* &lt;applet code=checkbackg.class height=150 width=150&gt;&lt;/applet&gt; */</code>	2	N	A	2	<code>itemStateChanged(ItemEvent ie)</code>
250	following is an example of what? <code>Frame f = new Frame("MyFrame"); f.addWindowListener(new WindowAdapter() { public void windowClosing(WindowEvent we) { System.exit(0); } });</code>	2	N	U	2	Code shows the use of Anonymous Inner class
251	Following program is the example of <code>import java.applet.*; import java.awt.event.*; /* &lt;applet code="ClassDemo" width=200 height=100&gt;&lt;/applet&gt; */ public class ClassDemo extends Applet { public void init() { addMouseListener(new MyMouseAdapter()); } class MyMouseAdapter extends MouseAdapter { public void mousePressed(MouseEvent me) { showStatus("Mouse Pressed"); } } }</code>	2	N	A	2	Inner class
252	For displaying coordinates of moving mouse pointer on status bar of applet, in following programs which statements should be included? <code>import java.applet.*; import java.awt.*; import java.awt.event.*; /* &lt;applet code="MouseDemo" width=500 height=500&gt;&lt;/applet&gt; */ public class MouseDemo extends Applet { String msg1 = ""; int x, y; public void init() { addMouseMotionListener(new AdapterDemo()); addMouseListener(new AdapterDemo1()); } public void paint(Graphics g) { showStatus("Mouse Moved at "+ x + " " + y); g.drawString(msg1, 50, 50); } class AdapterDemo extends MouseMotionAdapter { public void mouseMoved(MouseEvent me) { x = me.getX(); y = me.getY(); } } class AdapterDemo1 extends MouseAdapter { public void mouseEntered(MouseEvent me) { msg1 = "Mouse Entered"; } } }</code>	2	N	A	2	<code>repaint()</code> in <code>public void mouseMoved(MouseEvent me){}</code>
253	For the following code select correct statements to complete the code. <code>import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code=demo width=100 height=100&gt;&lt;/applet&gt; */ public class demo extends Applet implements _____ { Label l1, l2; Button b1; String msg = ""; public void init() { l1 = new Label("Label 1"); l2 = new Label("Label 2"); b1 = new Button("Enter"); add(l1); add(l2); add(b1); b1.addActionListener(this); } public void _____ { msg = "U Have Pressed Enter Button"; repaint(); } public void paint(Graphics g) { g.drawString(msg, 100, 100); } }</code>	2	N	A	2	ActionListener , <code>actionPerformed(ActionEvent ae)</code>
254	For the following code select the appropriate method. <code>import java.awt.*; import java.awt.event.*; import java.applet.*; public class ButtonDemo extends Applet implements ActionListener { String msg = ""; Button add, modify, delete; public void init() { add = new Button("ADD"); modify = new Button("MODIFY"); delete = new Button("delete"); add(add); add(modify); add(delete); add.addActionListener(this); modify.addActionListener(this); delete.addActionListener(this); } public void actionPerformed(ActionEvent ae) { String str = ae. _____; if(str.equals("ADD")) { msg = "You pressed ADD button"; } else if(str.equals("MODIFY")) { msg = "You pressed MODIFY button"; } else { msg = "You pressed DELETE button"; } repaint(); } public void paint(Graphics g) { g.drawString(msg, 6, 100); } }</code>	2	N	A	2	<code>getActionCommand()</code>
	For the following code select the listener implemented by class <code>import java.awt.*; import java.awt.event.*; import javax.swing.*; /* &lt;applet code="JRadioEvent" width=300 height=100&gt;&lt;/applet&gt; */ public class JRadioEvent extends JApplet implements _____ { ButtonGroup grp; JRadioButton red, pink, green; JTextArea ta; public void init() { setLayout(new</code>					

255	<pre> FlowLayout()); ta=new JTextArea(5,10); setupButtons(); addListeners(); add(red); add(pink); add(green); add(ta); } public void setupButtons() { red=new JRadioButton("Red"); pink=new JRadioButton("Pink"); green=new JRadioButton("Green"); grp=new ButtonGroup(); grp.add(red); grp.add(pink); grp.add(green); } public void addListeners() { red.addItemListener(this); pink.addItemListener(this); green.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { Object src=ie.getSource(); if(ie.getStateChange()==ItemEvent.SELECTED) { if(src==red) ta.append("We like Red\n"); else if(src==pink) ta.append("We like Pink \n"); else ta.append("We like Green \n"); } } } </pre>	2	N	A	2	ActionListener
256	<p>For the following code select the method that can be used to handle event</p> <pre> import java.awt.*; import java.applet.*; /* &lt;applet code="Scrollbar1" width=300 height=200&gt; &lt;/applet&gt; */ public class Scrollbar1 extends Applet implements AdjustmentListener { String msg = ""; Scrollbar red, blue,green; int r,g,b; Color c; public void init() { int max=255; c = new Color(0,0,0); setBackground(c); red = new Scrollbar(Scrollbar.HORIZONTAL,0, 1, 0, max); green = new Scrollbar(Scrollbar.HORIZONTAL,0, 1, 0, max); blue = new Scrollbar(Scrollbar.HORIZONTAL,0, 1, 0, max); add(red); add(green); add(blue); // register to receive adjustment events red.addAdjustmentListener(this); green.addAdjustmentListener(this); blue.addAdjustmentListener(this); } public void _____ { r=red.getValue(); g=green.getValue(); b=blue.getValue(); c = new Color(r,g,b); setBackground(c); } } </pre>	2	N	A	2	adjustmentValueChanged(AdjustmentEvent ae)
257	<p>For the following code select the method that can be used to handle event</p> <pre> import java.awt.*; import java.applet.*; class AEvent extends Frame implements ActionListener{ TextField tf; AEvent(){ tf=new TextField(); tf.setBounds(60,50,170,20); Button b=new Button("click me"); b.setBounds(100,120,80,30); b.addActionListener(this); add(b);add(tf); setSize(300,300); setLayout(null); setVisible(true); } public void actionPerformed(ActionEvent e){ tf.setText("Welcome"); } public static void main(String args[]){ new AEvent(); } } </pre> <p>Figure:-</p> 	2	Y1	A	2	actionPerformed(ActionEvent e)
258	<p>For the following code select the method that can be used to handle event</p> <pre> import java.awt.*; import java.applet.*; import java.awt.event.*; public class ChoiceDemonstration extends Applet implements ItemListener{ private Choice c; public void init() { c= new Choice(); c.addItem("First"); c.addItem("Second"); c.addItem("Third"); c.addItemListener(this); this.add(c); } public void _____(ItemEvent ev) { String state = "deselected"; if(ev.getStateChange()== ItemEvent.SELECTED){ state = "Selected"; } System.out.println("ChoiceDemo:" + ev.getItem() + " " +state); } } </pre>	2	N	A	2	itemStateChanged(ItemEvent ev)
259	<p>For the following code select the method that can be used to handle event so that we get proper output.</p> <pre> import java.awt.*; import java.awt.event.*; import java.applet.*; public class DemoAdjustmentEvent extends Applet implements AdjustmentListener { Scrollbar sbRed,sbGreen,sbBlue; public void init() { sbRed=new Scrollbar(Scrollbar.VERTICAL,20,10,0,255); sbGreen=new Scrollbar(Scrollbar.VERTICAL,20,10,0,255); sbBlue=new Scrollbar(Scrollbar.VERTICAL,20,10,0,255); add(sbRed); add(sbGreen); add(sbBlue); sbRed.addAdjustmentListener(this); sbGreen.addAdjustmentListener(this); sbBlue.addAdjustmentListener(this); } public void _____ { int r=sbRed.getValue(); int g=sbGreen.getValue(); int b=sbBlue.getValue(); Color c=new Color(r,g,b); setBackground(c); } } /*&lt;applet code="DemoAdjustmentEvent.class" width=300 height=300&gt;&lt;/applet&gt;*/ </pre>	2	N	U	2	adjustmentValueChanged(AdjustmentEvent ae)

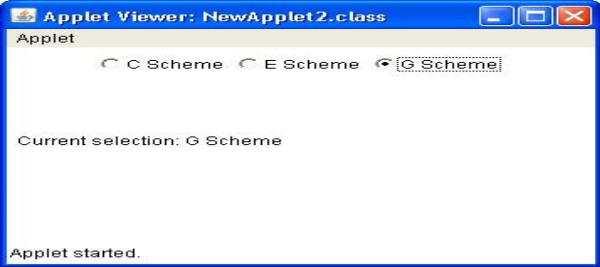
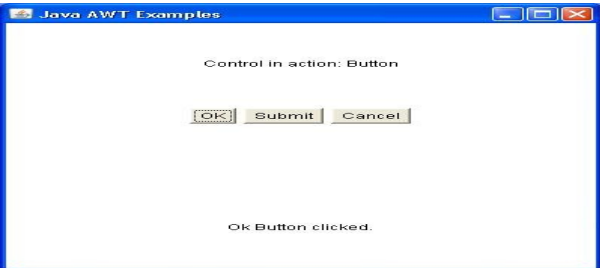
260	<p>For the following code select the method that can be used to handle event, and to get the output given in the figure. import java.applet.*; import java.awt.*; import java.awt.event.*; public class DemoKeyEvent extends Applet { char ch; public void init() { this.addKeyListener(new KeyAdapter() { public void _____ { ch=ke.getKeyChar(); repaint(); } }); } public void paint(Graphics g) { g.drawString("Character pressed is: "+ch,100,100); } } /* &lt;applet code="DemoKeyEvent.class" width=300 height=300&gt;&lt;/applet&gt;*/</p> <p>Figure:-</p> 	2	Y1	U	2	keyTyped(KeyEvent ke)
261	<p>For the following code select the method that can be used to handle event. import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="SBDemo" width=300 height=200&gt; &lt;/applet&gt; */ public class SBDemo extends Applet implements AdjustmentListener, MouseMotionListener { String msg = ""; Scrollbar vertSB, horzSB; public void init() { int width = Integer.parseInt(getParameter("width")); int height = Integer.parseInt(getParameter("height")); vertSB = new Scrollbar(Scrollbar.VERTICAL,0, 1, 0, height); horzSB = new Scrollbar(Scrollbar.HORIZONTAL,0, 1, 0, width); add(vertSB); add(horzSB); vertSB.addAdjustmentListener(this); horzSB.addAdjustmentListener(this); addMouseMotionListener(this); } public void _____(AdjustmentEvent ae) { repaint(); } public void mouseDragged(MouseEvent me) { int x = me.getX(); int y = me.getY(); vertSB.setValue(y); horzSB.setValue(x); repaint(); } public void mouseMoved(MouseEvent me) { } public void paint(Graphics g) { msg = "Vertical: " + vertSB.getValue(); msg += ", Horizontal: " + horzSB.getValue(); g.drawString(msg, 6, 160); g.drawString("****", horzSB.getValue(), vertSB.getValue()); } }</p>	2	N	A	2	adjustmentValueChanged
262	<p>For the following code select the method that can be used to handle event. import java.awt.event.*; import java.awt.*; import java.applet.*; /* &lt;applet code="ListDemo" width=300 height=180&gt; &lt;/applet&gt; */ public class ListDemo extends Applet implements ActionListener { List os, browser; String msg = ""; public void init() { os = new List(4, true); browser = new List(4, false); // add items to os list os.add("Windows XP"); os.add("Windows Vista"); os.add("Solaris"); os.add("Mac OS"); // add items to browser list browser.add("Internet Explorer"); browser.add("Firefox"); browser.add("Opera"); browser.select(1); // add lists to window add(os); add(browser); // register to receive action events os.addActionListener(this); browser.addActionListener(this); } public void _____ { repaint(); } // Display current selections. public void paint(Graphics g) { int idx[]; msg = "Current OS: "; idx = os.getSelectedIndexes(); for(int i=0; i&lt;idx.length; i++) msg += os.getItem(idx[i]) + " "; g.drawString(msg, 6, 120); msg = "Current Browser: "; msg += browser.getSelectedItems(); g.drawString(msg, 6, 140); } }</p>	2	N	A	2	actionPerformed(ActionEvent ae)
263	<p>For the following code select the method that can be used to handle event. import java.applet.*; import java.awt.*; public class S1Q29 extends Applet implements TextListener{ Label l; TextField t1 ; String msg=""; public void init(){ t1 =new TextField(10); l = new Label("Enter String"); add(t1); t1.addTextListener(this); } public void _____{ msg = t1.getText(); repaint(); } public void paint(Graphics g){ g.drawString(msg,100,100); } } /* &lt;applet code=checkbackg.class height=150 width=150&gt; &lt;/applet&gt;*/</p>	2	N	U	2	textChanged(TextEvent e)
	<p>For the following code select the method that can be used to handle event. import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;APPLET Code="ActionListenerTest" Width=300 Height=300&gt; &lt;/APPLET&gt; */ public class ActionListenerTest extends Applet implements ActionListener { Button b1,b2,b3,b4; public void init() { Font f=new Font("New Times</p>					

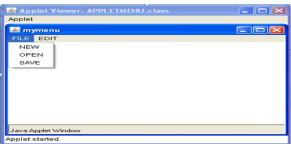
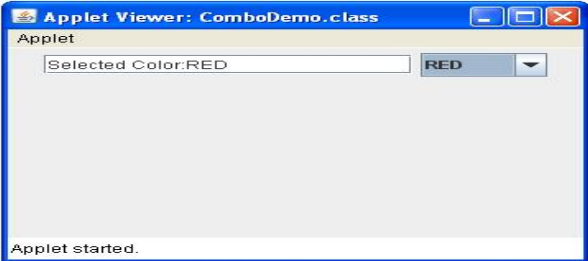
264	<pre>Roman",Font.BOLD,14); b1=new Button("RED"); b2=new Button("BLUE"); b3=new Button("GREEN"); b4=new Button("YELLOW"); b1.setFont(f); b2.setFont(f); b3.setFont(f); b4.setFont(f); setLayout(new BorderLayout()); add(b1,"North"); add(b2,"South"); add(b3,"East"); add(b4,"West"); b1.addActionListener(this); b2.addActionListener(this); b3.addActionListener(this); b4.addActionListener(this); } public void _____ (ActionEvent ae) { if(ae.getSource()==b1) { b1.setBackground(Color.red); } if(ae.getSource()==b2) { b2.setBackground(Color.blue); } if(ae.getSource()==b3) { b3.setBackground(Color.green); } if(ae.getSource()==b4) { b4.setBackground(Color.yellow); } } }</pre>	2	N	A	2	actionPerformed(ActionEvent ae)
265	<pre>For the following code select the method that can be used to handle event. import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code=exp.java width=400 height=400&gt; &lt;/applet&gt; */ public class exp extends Applet implements ItemListener { Choice c; TextField t1,t2,t3; Label l1,l2,l3; public void init() { t1=new TextField(10); t2=new TextField(10); t3=new TextField(10); l1=new Label("Enter num"); l2=new Label("Second num"); l3=new Label("Result"); c=new Choice(); c.add("addition"); c.add("subtraction"); add(l1); add(t1); add(l2); add(t2); add(l3); add(t3); add(c); c.addItemListener(this); } public void _____ (ItemEvent e) { String s=c.getSelectedItem(); if(s.equals("addition")) { int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int n3=n1+n2; t3.setText(Integer.toString(n3)); } if(s.equals("subtraction")) { int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int n3=n1-n2; t3.setText(Integer.toString(n3)); } } }</pre>	2	N	A	2	itemStateChanged
266	<pre>For the following code select the method that can be used to handle event. import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="ButtonDemo" width=250 height=150&gt; &lt;/applet&gt; */ public class ButtonDemo extends Applet implements ActionListener { String msg = ""; Button yes, no, maybe; public void init() { yes = new Button("Yes"); no = new Button("No"); maybe = new Button("Undecided"); add(yes); add(no); add(maybe); yes.addActionListener(this); no.addActionListener(this); maybe.addActionListener(this); } public void ----- (ActionEvent ae) { String str = ae.getActionCommand(); if(str.equals("Yes")) { msg = "You pressed Yes."; } else if(str.equals("No")) { msg = "You pressed No."; } else { msg = "You pressed Undecided."; } repaint(); } public void paint(Graphics g) { g.drawString(msg, 6, 100); } }</pre>	2	N	A	2	actionPerformed(ActionEvent ae)
267	<pre>For the following code select the method that can be used to handle event. import java.awt.*; import java.awt.event.*; import java.applet.*; import javax.swing.*; /* &lt;applet code="simple" width=300 height=100&gt;- &lt;/applet&gt; */ public class simple extends JApplet implements KeyListener { String msg=" "; int x=10,y=20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent ke) { showStatus("key down"); } public void _____ (KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg+=ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg,x,y); } }</pre>	2	N	A	2	keyReleased(KeyEvent ke)
268	<pre>For the following code select the method that can be used to handle event. import java.awt.event.*; import java.awt.*; import java.applet.*; public class checkbackg extends Applet implements ItemListener { Checkbox m1,m2,m3; public void init() { m1=new Checkbox("A"); m2=new Checkbox("B"); m3=new Checkbox("C"); add(m1); add(m2); add(m3); m1.addItemListener(this); m2.addItemListener(this); } public void _____ { if(ie.getSource()==m1) setBackground(Color.red); if(ie.getSource()==m2) setBackground(Color.green); } } /* &lt;applet code=checkbackg.class height=150 width=150&gt; &lt;/applet&gt; */</pre>	2	N	A	2	C. itemStateChanged(ItemEvent ie)
269	<pre>For the following code select the method that can be used to handle event. import java.awt.*; import java.awt.event.*; import java.applet.*; public class scl extends Applet implements AdjustmentListener { Scrollbar vsb,hsb; public void init() { int width=Integer.parseInt(getParameter("width")); int height=Integer.parseInt(getParameter("height")); vsb=new Scrollbar(Scrollbar.VERTICAL,0,1,0,height); hsb=new Scrollbar(Scrollbar.HORIZONTAL,0,1,0,width); add(vsb); add(hsb); vsb.addAdjustmentListener(this); hsb.addAdjustmentListener(this); } public void -----(- -----Event ae) { repaint(); } public void paint(Graphics g) { msg="Vertical: "+vsb.getValue(); msg+="Horizontal: "+hsb.getValue(); g.drawString(msg,6,160); g.drawString("**",</pre>	2	N	A	2	adjustmentValueChanged(AdjustmentEvent ae)

	hsb.getValue(),vsb.getValue()); } }					
270	<p>For the following code select the method that can be used to handle event. import java.awt.*; import java.awt.event.*; class AEvent extends Frame implements ActionListener{ TextField tf; AEvent(){ tf=new TextField(); tf.setBounds(60,50,170,20); Button b=new Button("click me"); b.setBounds(100,120,80,30); b.addActionListener(this); add(b); add(tf); setSize(300,300); setLayout(null); setVisible(true); } public void _____(ActionEvent e){ tf.setText("Welcome"); } public static void main(String args[]){ new AEvent(); } }</p> <p>Figure:-</p> 	2	Y1	A	2	actionPerformed(ActionEvent e)
271	<p>For the following code select the method that can be used to handle event. import java.awt.event.*; import java.awt.*; import java.applet.*; public class checkbackg extends Applet implements ItemListener{ Checkbox m1,m2,m3; public void init() { m1=new Checkbox("A"); m2=new Checkbox("B"); m3=new Checkbox("C"); add(m1); add(m2); add(m3); m1.addItemListener(this); m2.addItemListener(this); } public void _____(ItemEvent ie) { if(ie.getSource()==m1) setBackground(Color.red); if(ie.getSource()==m2) setBackground(Color.green); } } /* &lt;applet code=</p>	2	N	A	2	itemStateChanged(ItemEvent ie)
272	<p>For the following code select the method that can be used to handle event. ? import java.awt.*; import java.applet.*; /* &lt;applet code=ListDemo.class width=400 height=400&gt;&lt;/applet&gt;*/ public class ListDemo extends Applet implements ItemListener { List l; String msg=""; public void init() { l=new List(2,true); l.add("Day"); for(int i=1;i&lt;=3;i++) { l.add(i+""); } add(l); l.addItemListener(this); } public void _____ { repaint(); } public void paint(Graphics g) { int idx[]; idx=l.getSelectedIndexes(); for(int i=0;i&lt;idx.length;i++) { msg=l.getItem(idx[i]); g.drawString(msg,20,i*10+20); } } }</p>	2	N	A	2	itemStateChanged(ItemEvent e)
273	<p>For the following code select the method that can be used to handle event. import java.awt.*; import java.applet.*; /* &lt;applet code= "scrolldemo" width =300 height=200&gt; &lt;/applet&gt;*/ Public class scrolldemo extends Applet implements AdjustmentListener { Label l; Scrollbar vsb,hsb; Public void init() { l=new Label("Scrollbar demo"); vsb=new Scrollbar(Scrollbar.VERTICAL,0,1,0,100); hsb=new Scrollbar(Scrollbar.HORIZONTAL,0,1,0,100); add(vsb); add(hsb); vsb.addAdjustmentListener(this); hsb.addAdjustmentListener(this); } public void _____(AdjustmentEvent ae) { l.setText("Vertical Scrollbar"+vsb.getValue()+" "+"Horizontal Scrollbar"+hsb.getValue()); } }</p>	2	N	A	2	adjustmentValueChanged(AdjustmentEvent ae)
274	<p>For the following code select the method that should fill in the blanks. import java.applet.Applet; import java.awt.*; import java.awt.event.*; public class NewApplet extends Applet implements ActionListener { Button b1,b2,b3; public void init() { b1=new Button("1"); b2=new Button("2"); b3=new Button("3"); add(b1); add(b2); add(b3); b1.addActionListener(this); b2.addActionListener(this); b3.addActionListener(this); } public void actionPerformed(ActionEvent e) { if(_____==b1) setBackground(Color.RED); else if (_____==b2) setBackground(Color.BLUE); else setBackground(Color.GREEN); } } /* &lt;applet code=NewApplet.class height=150 width=150&gt; &lt;/applet&gt;*/</p>	2	N	A	2	e.getSource()
	<p>For the following code select the methods that can be used to handle event and register the event. import java.awt.*; import java.applet.*; /* &lt;applet code="S1Q50.class" width=300 height=100&gt; &lt;/applet&gt; */ public class S1Q50 extends Applet implements MouseMotionListener {</p>					

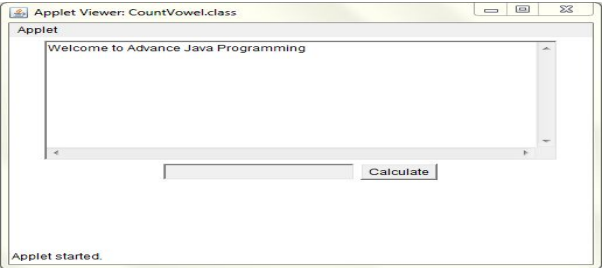
275	<pre>String msg = ""; int mouseX = 0, mouseY = 0 public void init() { add------(this); } public void ------(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "*"; showStatus(" Mouse at " + mouseX + ", " + mouseY); repaint(); } public void ----- (MouseEvent me) { showStatus("Mouse at " + me.getX() + ", " + me.getY()); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }</pre>	2	N	A	2	addMouseListener(this), mouseMoved(MouseEvent e), mouseDragged(MouseEvent e),
276	<p>For the following code which interface is use. import java.awt.event.*; import java.awt.*; import java.applet.*; public class checkbackg extends Applet implements _____</p> <pre>{ Checkbox m1,m2,m3; public void init() { m1=new Checkbox("Windows xp"); m2=new Checkbox("Windows 7"); m3=new Checkbox("Windows vista"); add(m1); add(m2); add(m3); m1.addItemListener(this); m2.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { if(ie.getSource()==m1) setBackground(Color.red); if(ie.getSource()==m2) setBackground(Color.green); } } /*&lt;applet code=checkbackg.class height=150 width=150&gt; &lt;/applet&gt;*/</pre>	2	N	A	2	ItemListener
277	<p>For the following code, fill up the correct listener name and event name. import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="SimpleKeyDemo" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKeyDemo extends Applet implements _____ { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed( _____ ke) { showStatus("Key Down"); } public void keyReleased( _____ ke) { showStatus("Key Up"); } public void keyTyped( _____ ke) { msg += ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg, X, Y); } }</p>	2	N	A	2	KeyListener, KeyEvent
278	<p>For the following output complete the code given below. import java.awt.*; import java.awt.event.*; import javax.swing.*; /* &lt;applet code="JRadioButtonDemo" width=300 height=50&gt; &lt;/applet&gt; */ public class JRadioButtonDemo extends JApplet implements ActionListener { JTextField tf; public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new FlowLayout()); JRadioButton b1 = new JRadioButton("A"); b1.addActionListener(this); contentPane.add(b1); JRadioButton b2 = new JRadioButton("B"); b2.addActionListener(this); contentPane.add(b2); JRadioButton b3 = new JRadioButton("C"); b3.addActionListener(this); contentPane.add(b3); tf = new JTextField(5); contentPane.add(tf); ButtonGroup bg = new ButtonGroup(); bg.add(b1); bg.add(b2); bg.add(b3); } }</p> <p>Figure:-</p> 	2	Y1	U	2	public void actionPerformed(ActionEvent ae) { tf.setText(ae.getActionCommand()); }
279	<p>For the following output window, what type of Event Listener and abstract method implementation should be done for event handling on the radiobutton? Figure:-</p>	2	Y1	A	2	ActionListener, actionPerformed(ActionEvent e)



						
280	From given list which is not Listener Interface?	2	N	U	2	MousepressedListener
281	From given list which is not method of Mouse Listener?	2	N	U	2	mouseDragged()
282	From the following code find the correct occurrence of key event. <code>import java.awt.*; import java.awt.event.*; public class S1Q46 extends Frame implements KeyListener{ TextField t1; public S1Q46(){ setLayout(new FlowLayout()); t1= new TextField(10); t1.addKeyListener(this); add(t1); setVisible(true); } public void keyTyped(KeyEvent e) { System.out.println("Key Typed"); } public void keyPressed(KeyEvent e) { System.out.println("Key Pressed"); } public void keyReleased(KeyEvent e) { System.out.println("Key Released"); } public static void main(String arg[]){ S1Q46 s = new S1Q46(); }</code>	2	N	A	2	Key Pressed Key Typed Key Released
283	getKeyChar() and getKeyCode() methods belongs to _____	2	N	A	2	KeyListener interface
284	getSource( ) method of ActionEvent retrieves:	2	N	U	2	Component object which generated event.
285	How can a dialog box be closed?	2	N	U	2	Using WindowListener
286	How many Button objects are required to get the following output Figure:- 	2	Y1	A	2	3
287	How many checkboxes of following program are in checked state.? <code>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="CheckboxDemo" width=250 height=200&gt; &lt;/applet&gt; */ public class CheckboxDemo extends Applet implements ItemListener { String msg = ""; Checkbox winXP, winVista, solaris, mac; public void init() { winXP = new Checkbox("Windows XP", null, true); winVista = new Checkbox("Windows Vista"); solaris = new Checkbox("Solaris",true); mac = new Checkbox("Mac OS"); add(winXP); add(winVista); add(solaris); add(mac); }}</code>	2	N	A	2	2
	How many component is used in following program :- <code>import java.awt.*; import javax.swing.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code="Square" width=300 height=300&gt; &lt;/applet&gt; */ public class Square extends Applet implements ActionListener {</code>					

288	Button b1; Label l1,l2; TextField t1,t2; public void init() { l1=new Label("Enter the number"); l2=new Label("Square of number"); t1=new TextField(); t2=new TextField(); b1=new Button("Square"); setLayout(new GridLayout(3,2)); add(l1); add(t1); add(l2); add(t2); add(b1); b1.addActionListener(this); } public void actionPerformed(ActionEvent ae) {	2	N	A	2	5
289	Identify correct output for following program. import java.awt.*; import java.awt.event.*; import java.applet.*; public class ListDemo extends Applet implements ActionListener { List os; String msg = ""; public void init() { os = new List(4, false); os.add("Windows 98/XP"); os.add("Windows NT/2000"); os.add("Solaris"); os.add("MacOS"); os.select(1); add(os); os.addActionListener(this); } public void actionPerformed(ActionEvent ae) { repaint(); } public void paint(Graphics g) { msg = "Current OS: "; msg += os.getSelectedItem(); g.drawString(msg, 6, 140); } }	2	Y2	A	2	
290	Identify the components in the given output Figure:- 	2	Y1	U	2	Applet,Frame,Menu,MenuItems,MenuBar
291	Identify the correct code for following output. Figure:- 	2	Y1	A	2	TextField, ComboBox,ItemListener
292	Identify the correct code to handle event on Scrollbar?	2	N	A	2	import java.awt.*; import java.awt.event.*;
293	Identify the correct syntax	2	N	A	2	public void actionPerformed(ActionEvent ae)
294	Identify the correct syntax of adding MouseAdapter class to program?	2	N	A	2	addMouseListener(new MouseAdapter() { public void mousePressed(MouseEvent me) { x=me.getX(); y=me.getY(); } })
295	Identify the Error Statement in the Following Program import java.awt.*; import java.awt.event.*; import javax.swing.*; class ChangeBackClr extends JFrame { ChangeBackClr() { final Container oPane=getContainer(); addMouseListener(new MouseAdapter() { public void mouseClicked(MouseEvent me) { int iR=(int)(Math.random()*255); int iG=(int)(Math.random()*255); int iB=(int)(Math.random()*255); oPane.setBackground(new Color(iR,iG,iB)); } }); } }	2	N	U	2	All of the above.
	Identify the missing statement in the program? import java.awt.*; import java.awt.event.*; import java.applet.*; public class eventdemo extends Applet implements ActionListener { public					

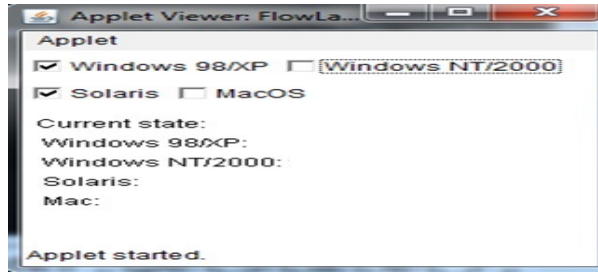
296	void init() { Button b1= new Button("Click"); TextField t1=new TextField(); add(b1); add(t1); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { t1.setText(b1.getLabel()); } } }	2	N	A	2	b1.addActionListener(this) should required in program
297	Identify the missing statements in the following code. Figure:- <pre>import java.awt.*; import java.awt.event.*; public class ActionEventEx extends Frame implements ActionListener {     Button b1,b2;     Panel p1;     TextField t1;     public ActionEventEx()     {         b1=new Button("Display");         b2=new Button("Reset");         p1=new Panel(40);         p1.add(b1);         p1.add(b2);         p1.add(t1);         .....         setLayout(new BorderLayout());         add(p1, BorderLayout.NORTH);         setVisible(true);         setSize(600,200);     }     public static void main(String args[])     {         new ActionEventEx();         public void actionPerformed(ActionEvent e)         {             if (e.getSource()==b1) {                 t1.setText("We are genius");             }             else {                 t1.setText("We are smart");             }         }     } }</pre>	2	Y1	A	2	b1.addActionListener(this);b2.addActionListener(this);
298	Identify type of listener public class MouseEvents extends Applet implements _____ { String msg = ""; int mouseX = 0, mouseY = 0; public void init() { add_____ (this); } public void mouseDragged(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "*"; showStatus("Dragging mouse at " + mouseX + ", " + mouseY); repaint(); } public void mouseMoved(MouseEvent me) { showStatus("Moving mouse at " + me.getX() + ", " + me.getY()); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }	2	N	A	2	None of Above
299	Identify wrong method of KeyListener	2	N	U	2	keyDragged(KeyEvent ke)
300	If scroll bar is manipulated .....event will be notified.	2	N	U	2	AdjustmentEvent
301	If we close an applet window _____ events will be generated	2	N	U	2	WindowEvent
302	import java.applet.Applet; For the following code select the method that can be used to handle event import java.awt.*; import java.awt.event.*; /*<applet code="scr" width=300 height=300></applet>*/ public class scr extends Applet implements AdjustmentListener { Scrollbar r,g,b; public void init() { r=new Scrollbar(Scrollbar.HORIZONTAL,0,50,0,255); g=new Scrollbar(Scrollbar.HORIZONTAL,0,50,0,255); b=new Scrollbar(Scrollbar.HORIZONTAL,0,50,0,255); add(r); add(g); add(b); r.addAdjustmentListener(this); g.addAdjustmentListener(this); b.addAdjustmentListener(this); } public void _____ { Color c=new Color(r.getValue(),g.getValue(),b.getValue()); setBackground(c); } }	2	N	A	2	adjustmentValueChanged(AdjustmentEvent e)
303	import java.applet.Applet; import java.awt.*; import java.awt.event.*; /*<applet code="mlst" width=300 height=300></applet>*/ public class mlst extends Applet implements ActionListener { TextArea t1; List l1; public void init() { t1=new TextArea(" ",10,20,TextArea.SCROLLBARS_VERTICAL_ONLY); l1=new List(4,true); l1.add("sangamner"); l1.add("nasik"); l1.add("pune"); l1.add("mumbai"); add(l1); add(t1); l1.addActionListener(this); } public void actionPerformed(ActionEvent e) { if(e.getSource()==l1) for(int i=0;i<((String)l1.getSelectedItem()).length();i++) { t1.insert(((String)l1.getSelectedItem()),0); } } }	2	N	A	2	Program will append the selected item in text area when list item is double clicked
304	import java.awt.*; import java.applet.*; public class myapplet extends Applet { public void paint(Graphics g) { g.drawString("A Simple Applet", 20, 20); } }	2	N	A	2	A Simple Applet
305	import java.awt.*; import java.applet.* class colordemo extends Applet implements ActionListener { String str=""; Button submit; public void init() { submit= new Button("Submit"); add(submit); submit.addActionListener(this); } public void actionPerformed(ActionEvent ae) { if(ae.getSource().equals(submit)) { setBackground(BLUE); } } }	2	Y2	A	2	
306	import java.awt.*; import java.applet.*; public class LayoutDemo5 extends Applet { public void init() { int i,j,k,n=4; setLayout(new BorderLayout()); Panel p1=new Panel(); Panel p2=new Panel(); p1.setLayout(new FlowLayout()); p1.add(new TextField(20)); p1.add(new TextField(20)); p2.setLayout(new GridLayout(5,3)); p2.add(new Button("OK")); p2.add(new Button("Submit")); add(p1,BorderLayout.EAST); add(p2,BorderLayout.WEST); } } /*<applet	2	N	A	2	The output is obtained in Applet with two layouts: Border layout and Layout

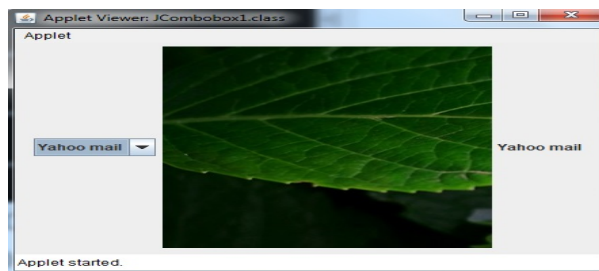
	code=LayoutDemo5.class width=300 height=400> </applet>*/ What will be the out put of above program?					
307	<pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="CountVowel.class" width=300 height=100&gt; &lt;/applet&gt; */ public class CountVowel extends Applet implements ActionListener { TextArea txtArea; TextField text; Button btn; public void init() { txtArea = new TextArea(); txtArea.setBounds(30,30,200,200); add(txtArea); text = new TextField(20); text.setBounds(30,240,100,30); text.setEditable(false); add(text); btn = new Button("Calculate"); btn.setBounds(150,230,70,30); add(btn); btn.addActionListener(this); } public void actionPerformed(ActionEvent ae) { if(ae.getSource() == btn ) { String strTemp= txtArea.getText(); int count=0; for(int i=0;i&lt;strTemp.length();i++) { if(strTemp.charAt(i)=='a'    strTemp.charAt(i)=='A'    strTemp.charAt(i)=='e'    strTemp.charAt(i)=='E'    strTemp.charAt(i)=='i'    strTemp.charAt(i)=='I'    strTemp.charAt(i)=='o'    strTemp.charAt(i)=='O'    strTemp.charAt(i)=='u'    strTemp.charAt(i)=='U' ) { count++; } } String str=Integer.toString(count); text.setText(str); } } } What will be the Output? Figure:-</pre> 	2	Y1	A	2	12
308	<pre>import java.awt.*; import java.applet.*; public class list2 extends Applet { public void init() { List l= new List(2,true); l.add("java"); l.add("c++"); l.add("kkk"); add(l); } } /*&lt;applet code=list2.class height=200 width=200&gt; &lt;/applet&gt;*/</pre>	2	Y2	U	2	
309	<p>In following Java program fill statement showing ***. Select any one option from given options</p> <pre>import java.applet.Applet; import java.awt.*; import java.awt.event.*; public class CircleListener extends MouseAdapter { private int radius = 25; public void *****(MouseEvent event) { Applet app = (Applet)event.getSource(); Graphics g = app.getGraphics(); g.fillOval(event.getX()- radius,event.getY()-radius,2*radius,2*radius); } }</pre>	2	N	A	2	mousePressed()
310	<p>In following Java program fill statement showing ***.Select any one option fro given options</p> <pre>import java.awt.*; import java.awt.event.*; class AEvent extends Frame implements *****{ TextField tf; AEvent(){ tf=new TextField(); tf.setBounds(60,50,170,20); Button b=new Button("click me"); b.setBounds(100,120,80,30); b.addActionListener(this); add(b);add(tf); setSize(300,300); setLayout(null); setVisible(true); } public void *****(ActionEvent e){ tf.setText("Welcome"); } public static void main(String args[]){ new AEvent(); } }</pre>	2	N	A	2	ActionListener, actionPerformed
311	<p>In following Java program fill statement showing ***.Select any one option from given options</p> <pre>import java.awt.*; import java.awt.event.*; class AEvent extends Frame implements *****{ TextField tf; AEvent(){ tf=new TextField(); tf.setBounds(60,50,170,20); Button b=new Button("click me"); b.setBounds(100,120,80,30); b.addActionListener(this); add(b);add(tf); setSize(300,300); setLayout(null); setVisible(true); } public void actionPerformed(ActionEvent e) { tf.setText("Welcome"); } public static void main(String args[]){ new AEvent(); } }</pre>	2	N	A	2	ActionListener
312	In order to obtain currunt value of scrollbar at run time which method you will use	2	N	A	2	getValue()
313	<p>In the following output, the frame window doesn't close by default. Pick up the correct code in order to close the frame.</p> <p>Figure:-</p>	2	Y1	A	2	WindowListener


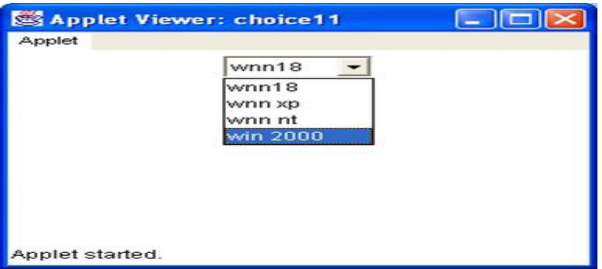


314	In which places can put the event handling code	2	N	U	2	All mentioned above
315	ItemListener Interface is applicable to?	2	N	A	2	All of this
316	itemStateChanged() method take which form from the following?	2	N	U	2	void itemStateChanged(Item ie)
317	Java packages such as _____ support the Event handling mechanism	2	N	A	2	all of these
318	KeyListener interface is applicable to keyboard only?	2	N	A	2	True
319	keyTyped(KeyEvent e) Called when a key on the keyboard is _____	2	N	U	2	pressed and then released
320	List control in AWT, generates ..... Event on ..... Click.	2	N	A	2	Both Options A and B correct.
321	Match The Pair ? 1) Button() a) AdjustmentListener 2) Scrollbar() b) Non Of Above 3) Checkbox() c) ItemListener 4) Label() d) ActionListener	2	N	U	2	1-d 2-a 3-c 4-b
322	MouseListener interface belongs which of the following methods?	2	N	U	2	mouseExited,mouseEntered,mousePressed,mouseClicked,mouseRele
323	Observe the Following Code... import java.awt.*; import java.awt.event.*; class TYIFEEvent extends Frame implements ActionListener{ TextField tf; AEvent(){ tf=new TextField(); tf.setBounds(60,50,170,20); Button b=new Button("click me"); b.setBounds(100,120,80,30); b.addActionListener(this); add(b);add(tf); setSize(300,300); setLayout(null); setVisible(true); } public void actionPerformed(ActionEvent e){ tf.setText("Welcome"); } public static void main(String args[]){ new AEvent(); } }	2	N	A	2	This Program Handles the Event Within the class
324	Observe the following output and determine which component and listener is required? Figure:- 	2	Y1	U	2	Button, frame, actionListener
325	Observe the following program .... import java.applet.Applet; import java.awt.Button; /* <applet code="DisableButtonExample" width=100 height=200> </applet> */ public class DisableButtonExample extends Applet{ public void init(){ Button Button1 = new Button("Ok"); Button Button2 = new Button("Cancel"); add(Button1); add(Button2); Button2.setEnabled(false); } }	2	N	A	2	The output will display Two buttons labelled &quot;OK&quot; and &quot;Candle&quot;; The button with label &quot;cancel&quot; will b disabled
326	Observe the following program .... import java.applet.Applet; import java.awt.Button; /* <applet code="HideButtonExample" width=100 height=200> </applet> */ public class HideButtonExample extends Applet{ public void init(){ Button Button1 = new Button("Ok"); Button Button2 = new Button("Cancel"); //add Buttons add(Button1); add(Button2); Button2.setVisible(false); } }	2	N	A	2	The Program contains Two buttons labelled &quot;OK&quot; and &quot;Candle&quot;; The button with label &quot;cancel&quot; will b not be displayed
	Observe the following program .... import java.awt.*; import javax.swing.*; public class					

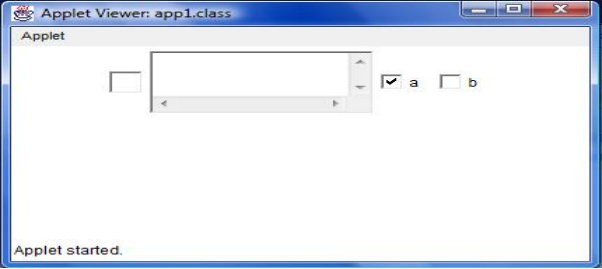
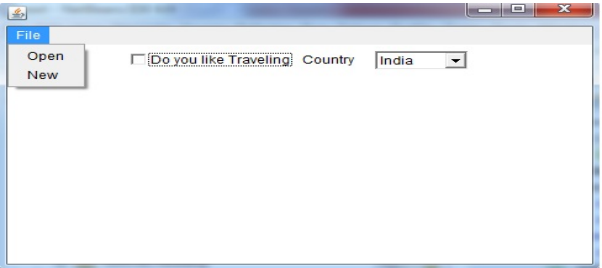
327	MyFlowLayout{ JFrame f; MyFlowLayout(){ f=new JFrame(); JButton b1=new JButton("1"); JButton b2=new JButton("2"); JButton b3=new JButton("3"); JButton b4=new JButton("4"); JButton b5=new JButton("5"); f.add(b5);f.add(b4);f.add(b3);f.add(b2);f.add(b1); f.setLayout(new FlowLayout(FlowLayout.RIGHT)); //setting flow layout of right alignment f.setSize(300,300); f.setVisible(true); } public static void main(String[] args) { new MyFlowLayout(); } }	2	N	A	2	The output will display buttons in a sequence 5 4 3 2 1
328	Observe the following program .... import java.awt.Color; import javax.swing.*; public class TyifArea { JTextArea area; JFrame f; TyifArea() { f=new JFrame(); area=new JTextArea(300,300); area.setBounds(10,30,300,300); area.setBackground(Color.black); area.setForeground(Color.white); f.add(area); f.setSize(400,400); f.setLayout(null); f.setVisible(true); } public static void main(String[] args) { new TyifArea(); } }	2	N	A	2	The Output will Conatain a multiline textbox having background colour black
329	Pick the correct abstract method which belongs to MouseMotionListener interface	2	N	U	2	mouseDragged()
330	Pick the correct statement to register a button b for event handling	2	N	U	2	b.addActionListener(this);
331	Predict the output public class R1 extends Applet implements ItemListener { TextField t1, Checkbox c1; public void init() { c1 = new Checkbox(); add(c1); t1 = new TextField(); add(t1); } public void itemStateChanged(ItemEvent ie) { if(ae.getItemSelectable()==c1) t1.setText("Hi"); } }	2	N	A	2	Hi is printed in textfield
332	public void actionPerformed(ActionEvent ae) { if(ae.getSource().equals(submit)) { setBackground(Color.red); } } for above code Which event listner interface is need to import?	2	N	A	2	ActionListener
333	Referring to the above, what statement is added to itemStateChanged() so it will display "India" on selection of item? import java.applet.*; import java.awt.*; import java.awt.event.*; public class S1Q31 extends Applet implements ItemListener { Choice c; String msg=""; public void init() { c = new Choice(); c.add("India"); c.add("Nepal"); c.add("Sri Lanka"); c.addItemListener(this); } public void itemStateChanged(ItemEvent e) { repaint(); } public void paint(Graphics g){ g.drawString(msg,200, 200); } /* <applet code="combodemo" width=300 height=100> </applet> */	2	N	U	2	msg=(String) e.getItem();
334	Select correct Adapter class from given option for *****. import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="adaptdemo" width=300 height=100> </applet> */ public class adaptdemo extends Applet { public void init() { addMouseListener(new A()); } class A extends ***** { public void mousePressed(MouseEvent me) { showStatus("Mouse Pressed "); } } }	2	N	A	2	MouseAdapter
335	Select correct sequence of steps for selecting items which are specified in a Jtree a)The Clicked row is acquired by using GetRowForLoacation method b) Last componet of path is acquired by using getLastPathMethod. c) path specified row is acquired by using getPathForRow method.	2	N	U	2	a,c,b
336	select correct statement to get correct out? import javax.swing.*; import java.awt.*; import java.awt.event.*; public class SimpleGUI extends JFrame { private Container contentPane; private JTextField textField; private JButton ok, cancel; private JLabel feedback; private JPanel panel; public static void main( String[] args ) { SimpleGUI gui = new SimpleGUI(); gui.setVisible( true ); } public SimpleGUI() { contentPane = getContentPane(); contentPane.setLayout( new GridLayout( 3, 1 ) ); textField = new JTextField(); textField.setColumns( 2 ); contentPane.add( textField ); panel = new JPanel( new FlowLayout() ); ok = new JButton( "OK" ); cancel = new JButton( "Cancel" ); panel.add( ok ); panel.add( cancel ); contentPane.add( panel ); feedback = new JLabel(); contentPane.add( feedback ); setDefaultCloseOperation( EXIT_ON_CLOSE ); } setDefaultCloseOperation( EXIT_ON_CLOSE ); }	2	N	A	2	ok.addActionListener( this ); cancel.addActionListener( this ); implem ActionListener
337	Select currect sequence of current states of following output Figure:-	2	Y1	U	2	True,False,True,False

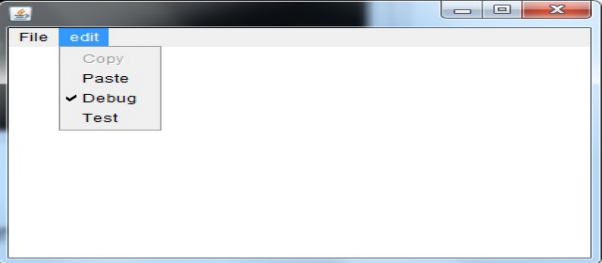


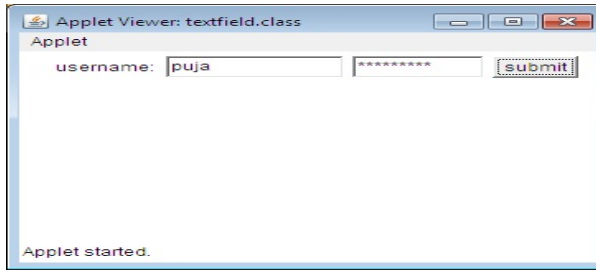
338	Select methods of checkBox calss.	2	N	A	2	All of these
339	Select missing lines in following code to get correct ouput . /*<applet code="demo2.class" width="310" height="160"></applet>*/ import java.awt.*; import javax.swing.*; import java.awt.event.*; public class demo2 extends JApplet implements ActionListener { public void init() { DefaultMutableTreeNode root=new DefaultMutableTreeNode("root"); DefaultMutableTreeNode tr1=new DefaultMutableTreeNode("1"); root.add(tr1); DefaultMutableTreeNode tr11=new DefaultMutableTreeNode("1-1"); tr1.add(tr11); DefaultMutableTreeNode tr111=new DefaultMutableTreeNode("1-1-1"); tr11.add(tr111); DefaultMutableTreeNode tr112=new DefaultMutableTreeNode("1-1-2"); tr11.add(tr112); DefaultMutableTreeNode tr12=new DefaultMutableTreeNode("1-2"); tr1.add(tr12); DefaultMutableTreeNode tr2=new DefaultMutableTreeNode("2"); root.add(tr2); root.add(tr2); JTree tr=new JTree(root); JScrollPane sp=new JScrollPane(tr); Container cp=getContentPane(); } }	2	N	A	2	cp.add(sp); tr.setEditable(true);
340	Select missing statement in following code /*<applet code="demo.class" width=300 height=200></applet>*/ import java.awt.*; import javax.swing.*; import java.awt.event.* public class demo extends JApplet implements ActionListener JMenuBar mb=new JMenuBar(); JMenu mn=new JMenu("Menu"); JMenuItem m1=new JMenuItem("Add Item"); JMenuItem m2=new JMenuItem("new Item"); public void init() { mn.add(m1); mb.add(mn); } public void actionPerformed(ActionEvent e) { mn.add(m2); } }	2	N	A	2	setJMenuBar(mb); m1.addActionListener(this);
341	select missing statement in following code /*<applet code="demo.class" width="310" hieght="140"></applet>*/ import java.awt;import javax.swing import java.awt.event public class demo extends Japplet implements ActionListner { JComboBox cb=new JComboBox(); public void init() { cb.addItem("List1"); cb.addItem("List 2"); cb.addItem("List 3"); Container cp=getContentPane(); } public void ActionPerformed(ActionEvent) { showStatus(cb.getSelectedItem()+"is selected"); } }	2	N	U	2	cb.addActinListener(this); and cp.add(cb);
342	Select missing statement of following code import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="SimpleKey" width=300 height=100> </applet> */ public class SimpleKey extends Applet implements KeyListener { String msg = ""; int X = 10, Y = 20; // output coordinates public void init() { addKeyListener(this); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } // Display keystrokes. public void paint(Graphics g) { g.drawString(msg, X, Y); } }	2	N	U	2	public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint }
343	Select Proper code for given output Figure:- 	2	Y1	A	2	ItemListener

344	<p>Select proper code for given output</p> <p>Figure:-</p> 	2	Y1	A	2	<pre>import java.awt.*; import java.applet.*; public class ListDemo extend Applet { public void init() { List con=new List(); con.add("&amp;quot;India&amp;quot;"); con.add("&amp;quot;Australia&amp;quot;"); con.add("&amp;quot;SouthAfrica&amp;quot;"); add(con); } /*&amp;lt;applet code=&amp;quot;ListDemo.class&amp;quot; height=200</pre>
345	<p>Select proper code for given output</p> <p>Figure:-</p> 	2	Y1	A	2	<pre>import java.awt.*; import java.applet.*; public class choice11 extends Applet { public void init() { Choice os=new Choice(); os.add("&amp;quot;wnn18&amp;quot;"); os.add("&amp;quot;wnn xp&amp;quot;"); os.add("&amp;quot;wnn nt&amp;quot;"); os.add("&amp;quot;win 2000&amp;quot;"); add(os ) /*&amp;lt;applet code=&amp;quot;choice11&amp;quot; height=200 width=300&amp;g &amp;lt;/applet&amp;gt;*/</pre>
346	<p>Select Proper Command to run following program</p> <pre>import java.awt.*; import java.awt.event.*; class FrameDemo extends Frame { FrameDemo() { addWindowListener(new M()); } public static void main(String args[]) { FrameDemo f=new FrameDemo(); f.setSize(100,200); f.setTitle("Frame window"); f.setVisible(true); } public void paint(Graphics g) { g.drawString("this is a frame",100,200); } class M extends WindowAdapter { public void windowClosing(WindowEvent we) { System.exit(0); } } }</pre>	2	N	A	2	java FrameDemo
347	<p>Select proper sequence of following classes used for writing menu driven program</p> <p>1. Menu 2. MenuBar 3. MenuItem</p>	2	N	A	2	2,1,3
348	<p>Select sequence of the missing statements in the following program</p> <pre>import java.awt.*; import java.awt.event.*; public class MenuDemo extends Frame implements _____ { MenuDemo() { MenuBar mbr = new MenuBar(); Menu filemenu = new Menu("File"); Menu editmenu = new Menu("Edit"); Menu viewmenu = new Menu("View"); mbr.add(filemenu); mbr.add(editmenu); MenuItem new1 = new MenuItem("New"); MenuItem open1 = new MenuItem("Open"); filemenu.add(new1); filemenu.add(open1); new1.*****; open1.*****; } public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setSize(200,200); m.setTitle("Menu Demo Program"); m.setVisible(true); } public void _____ { if(new1=ae.getSource()) { System.out.println("You Pressed New menu Item"); } else if(ae.getSource()==open1) { System.out.println("You Pressed Open menu Item"); } } }</pre>	2	N	U	2	ActionListener addActionListener(this) actionPerformed(ActionEvent a
	<p>Select the correct code for the output shown</p> <p>Figure:-</p>					



349		2	Y1	U	2	<pre>import java.awt.*; import java.applet.*; public class app1 extends Applet { public void init() { TextField tf = new TextField(); TextArea t1=new TextArea(3,20); Checkbox c=new Checkbox("&amp;quot;a&amp;quot;";true); Checkbox c1=new Checkbox("&amp;quot;b&amp;quot;";false); add(tf); add(t1); add(c); add(c1); }</pre>
350	Select the correct combination	2	N	U	2	Button - ActionEvent Checkbox - ItemEvent List - ItemEvent,ActionEvent
351	<p>Select the correct output for the following program</p> <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; import javax.swing.tree.*; /* &lt;applet code="JTreeEvents" width=400 height=200&gt; &lt;/applet&gt; */ public class JTreeEvents extends JApplet { JTree tree; JTextField jtf; public void init() { // Get content pane Container contentPane = getContentPane(); contentPane.setLayout(new BorderLayout()); DefaultMutableTreeNode top = new DefaultMutableTreeNode("Options"); DefaultMutableTreeNode a = new DefaultMutableTreeNode("A"); top.add(a); DefaultMutableTreeNode a1 = new DefaultMutableTreeNode("A1"); a.add(a1); DefaultMutableTreeNode a2 = new DefaultMutableTreeNode("A2"); a.add(a2); DefaultMutableTreeNode b = new DefaultMutableTreeNode("B"); top.add(b); DefaultMutableTreeNode b1 = new DefaultMutableTreeNode("B1"); b.add(b1); DefaultMutableTreeNode b2 = new DefaultMutableTreeNode("B2"); b.add(b2); DefaultMutableTreeNode b3 = new DefaultMutableTreeNode("B3"); b.add(b3); tree = new JTree(top); int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPane jsp = new JScrollPane(tree, v, h); contentPane.add(jsp, BorderLayout.CENTER); jtf = new JTextField("", 20); contentPane.add(jtf, BorderLayout.SOUTH); tree.addMouseListener(new MouseAdapter() { public void mouseClicked(MouseEvent me) { doMouseClicked(me); } }); void doMouseClicked(MouseEvent me) { TreePath tp = tree.getPathForLocation(me.getX(), me.getY()); if(tp != null) jtf.setText(tp.toString()); else jtf.setText(""); }</pre>	2	Y2	A	2	S1Q47Option i
352	<p>Select the Listeners needed for components shown in application.</p> <p>Figure:-</p> 	2	Y1	U	2	actionPerformed(ActionEvent e),itemStateChanged(ItemEvent e)
	Select the method used for Event Handle					<pre>import java.awt.*; import java.awt.event.*; import java.applet.*; public class no extends Applet implements ActionListener { String msg=""; Button</pre>


353	<pre>b1,b2,b3; public void init() { b1=new Button("Yes"); add(b1); b2=new Button("No"); add(b2); b3=new Button("Exit"); add(b3); b1.addActionListener(this); b2.addActionListener(this); b3.addActionListener(this); } public void _____ { String str=ae.getActionCommand(); if(str.equals("Yes")) { msg="You pressed Yes."; } else if(str.equals("No")) { msg="You pressed No."; } if(str.equals("Exit")) { msg="You pressed Exit."; } repaint(); } public void paint(Graphics g) { g.drawString(msg,6,100); }</pre>	2	N	A	2	actionPerformed(ActionEvent ae)
354	Select the method used to determine the event ID that represents the natures of the event	2	N	U	2	public int getID()
355	<p>Select the missing code in given statement</p> <pre>import java.awt.*; import java.applet.*; /* &lt;applet code="AdapterDemo" width=300 height=100&gt; &lt;/applet&gt; */ public class AdapterDemo extends Applet { public void init() { addMouseMotionListener(new MyMouseMotionAdapter(this)); } } class MyMouseAdapter extends MouseAdapter { AdapterDemo adapterDemo; public MyMouseAdapter(AdapterDemo adapterDemo) { this.adapterDemo = adapterDemo; } public void mouseClicked(MouseEvent me) { adapterDemo.showStatus("Mouse clicked"); } } class MyMouseMotionAdapter extends MouseMotionAdapter { AdapterDemo adapterDemo; public MyMouseMotionAdapter(AdapterDemo adapterDemo) { this.adapterDemo = adapterDemo; } public void mouseDragged(MouseEvent me) { adapterDemo.showStatus("Mouse dragged"); } }</pre>	2	N	U	2	both a & b
356	<p>Select the missing code in the program for following output</p> <pre>import java.awt.*; import java.awt.event.*; public class MenuD extends Frame { MenuD ( ) { addWindowListener(new WindowAdapter(){ public void windowClosing(WindowEvent we) { System.exit(0); } }); } public static void main(String a[]) { MenuD m=new MenuD(); CheckboxMenuItem debug,test; m.setVisible(true); MenuBar mbr=new MenuBar(); m.setMenuBar(mbr); Menu file=new Menu("File"); Menu edit= new Menu("edit"); mbr.add(file); mbr.add(edit); MenuItem new1=new MenuItem("New"); MenuItem open=new MenuItem("Open"); file.add(new1); file.add(open); MenuItem copy=new MenuItem("Copy"); MenuItem paste=new MenuItem("Paste"); copy.setEnabled(false); edit.add(copy); edit.add(paste); debug =new CheckboxMenuItem("Debug"); test =new CheckboxMenuItem("Test"); edit.add(test); edit.add(debug); } }</pre> <p>Figure:-</p> 	2	Y1	A	2	addItemListener(this);
357	<p>Select the missing in the program</p> <pre>import java.applet.*; import java.awt.*; import java.awt.event.*; public class textfield extends Applet implements ActionListener { TextField nm,psw; public void init() { Label nml=new Label("username:",Label.RIGHT); Label pswl=new Label("password:",Label.RIGHT); nm=new TextField(12); psw=new TextField(8); Button b=new Button("submit"); add(nml); add(nm); add(psw); add(b); nm.addActionListener(this); psw.addActionListener(this); b.addActionListener(this); } public void actionPerformed(ActionEvent ae) { repaint(); } }</pre> <p>Figure:-</p>	2	Y1	A	2	Method missing for password echo character

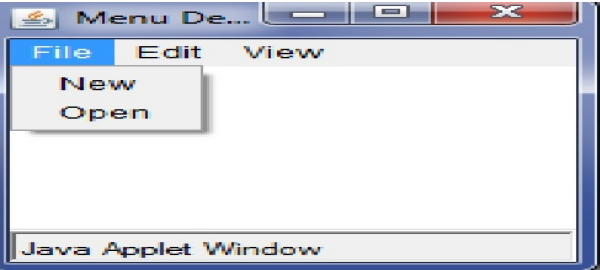
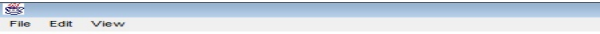


358	Select the missing statement public class A1 extends Applet { Button b1; Label l1; public void init() { setLayout(new FlowLayout()); b1=new Button("Click"); l1=new Label(); add(l1); add(b1); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) l1.setText("Hello"); } }	2	N	A	2	b1.addActionListener(this)
359	Select the missing statement public class A1 extends Applet { Button b1; Label l1; public void init() { setLayout(new FlowLayout()); b1=new Button("Click"); l1=new Label(); b1.addActionListener(this); public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) l1.setText("Hello"); } }	2	N	A	2	add(l1); add(b1);
360	Select the missing statement in given code import java.awt.*; import java.applet.*; /* <applet code="mouse" width=300 height=100> </applet> */ public class mouse extends Applet implements MouseListener, MouseMotionListener { String msg = ""; intmouseX = 0, mouseY = 0 public void init() { } public void mouseClicked(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse clicked."; repaint(); } public void mouseEntered(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse entered."; repaint(); } public void mouseExited(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse exited."; repaint(); } public void mousePressed(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "Down"; repaint(); } public void mouseReleased(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "Up"; repaint(); } public void mouseDragged(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "*"; showStatus("Dragging mouse at " + mouseX + ", " + mouseY); repaint(); } public void mouseMoved(MouseEvent me) { showStatus("Moving mouse at " + me.getX() + ", " + me.getY()); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }	2	N	U	2	all of above
361	Select the missing statement in given code // Demonstrate the mouse event handlers. import java.awt.*; import java.applet.*; /* <applet code="mouse" width=300 height=100> </applet> */ public class mouse extends Applet implements MouseListener, MouseMotionListener { String msg = ""; intmouseX = 0, mouseY = 0; // coordinates of mouse public void init() { } // Handle mouse clicked. public void mouseClicked(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse clicked."; repaint(); } // Handle mouse entered. public void mouseEntered(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse entered."; repaint(); } // Handle mouse exited. public void mouseExited(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse exited."; repaint(); } // Handle button pressed. public void mousePressed(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "Down"; repaint(); } // Handle button released. public void mouseReleased(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "Up"; repaint(); } // Handle mouse dragged. public void mouseDragged(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "*"; showStatus("Dragging mouse at " + mouseX + ", " + mouseY); repaint(); } // Handle mouse moved. public void mouseMoved(MouseEvent me) { showStatus("Moving mouse at " + me.getX() + ", " + me.getY()); } // Display msg in applet window at current X,Y location. public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }	2	N	A	2	addMouseListener(this); addMouseMotionListener(this); import java.awt.event.*;
362	Select the missing statement in given code import java.lang.*; import java.awt.*; import java.applet.*; ----- public class Exp1_3 extends Frame implements WindowListener { public Exp1_3() { String msg=""; Button b1=new Button("One"); TextArea t1=new TextArea("Welcome to javaProgramming"); setLayout(new FlowLayout()); add(b1); add(t1); ----- } public void windowClosing(WindowEvent we) { dispose(); System.exit(0); } public void windowClosed(WindowEvent we){} public void windowActivated(WindowEvent we){} public void windowDeactivated(WindowEvent we){}	2	N	U	2	All of Above

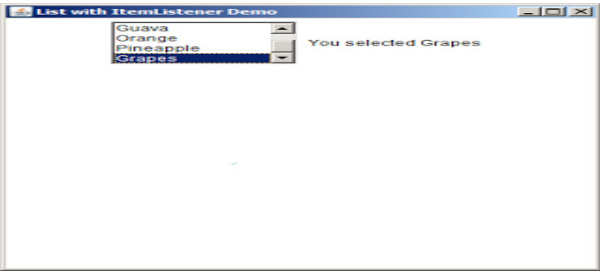
	<pre>public void windowIconified(WindowEvent we){} public void windowDeiconified(WindowEvent we){} ----- public static void main(String args[]) { Exp1_3 e1=new Exp1_3(); e1.setVisible(true);e1.setSize(200,200); } }</pre>					
363	<pre>Select the missing statement in given code import java.applet.*; import java.awt.event.*; import java.awt.*; public class MouseClickExample extends Applet implements MouseListener { int xpos; int ypos; int rect1xco,rect1yco,rect1width,rect1height; boolean mouseEntered; boolean rect1Clicked; public void init() { rect1xco = 20; rect1yco = 20; rect1width = 100; rect1height = 50; } public void paint(Graphics g) { g.setColor(Color.green); g.fillRect(rect1xco,rect1yco,rect1width,rect1height); g.setColor(Color.red); g.drawString("("+xpos+", "+ypos+")",xpos,ypos); if (rect1Clicked) g.drawString("You clicked in the Rectangle",20,120); else g.drawString("You clicked outside of the rectangle",20,120); if (mouseEntered) g.drawString("Mouse is in the applet area",20,160); else g.drawString("Mouse is outside the Applet area",20,160); } public void mouseClicked (MouseEvent me) { xpos = me.getX(); ypos = me.getY(); if (xpos &gt; rect1xco &amp;&amp; xpos &lt; rect1xco+rect1width &amp;&amp; ypos &gt;rect1yco &amp;&amp; ypos &lt; rect1yco+rect1height) rect1Clicked = true; else rect1Clicked = false; repaint(); } public void mousePressed (MouseEvent me) {} public void mouseReleased (MouseEvent me) {} public void mouseEntered (MouseEvent me) { mouseEntered = true; repaint(); } public void mouseExited (MouseEvent me) { mouseEntered = false; repaint(); } }</pre>	2	N	U	2	addMouseListener(this);
364	<pre>Select the missing statement in given code import javax.swing.*; import java.awt.event.*; import javax.swing.tree.*; import java.applet.*; public class exp5 extends JApplet { JTree tr; public void init() { Container ContentPane=getContentPane(); ContentPane.setLayout(new FlowLayout()); DefaultMutableTreeNode top=new DefaultMutableTreeNode("India"); DefaultMutableTreeNode mh=new DefaultMutableTreeNode("Maharashtra"); DefaultMutableTreeNode mb=new DefaultMutableTreeNode("Mumbai"); mh.add(mb); DefaultMutableTreeNode na=new DefaultMutableTreeNode("Nashik"); mh.add(na); DefaultMutableTreeNode wb=new DefaultMutableTreeNode("West Bengal"); top.add(wb); DefaultMutableTreeNode ap=new DefaultMutableTreeNode("Andra pradesh"); top.add(ap); DefaultMutableTreeNode tn=new DefaultMutableTreeNode("TamilNadu"); top.add(tn); DefaultMutableTreeNode ch=new DefaultMutableTreeNode("chennai"); tn.add(ch); DefaultMutableTreeNode kn=new DefaultMutableTreeNode("Karnataka"); top.add(kn); DefaultMutableTreeNode bg=new DefaultMutableTreeNode("Balgaum"); kn.add(bg); DefaultMutableTreeNode bl=new DefaultMutableTreeNode("Bangalore"); kn.add(bl); tr=new JTree(top); int v=ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS; int h=ScrollPaneConstants.HORIZONTAL_SCROLLBAR_ALWAYS; JScrollPane jsp=new JScrollPane(tr,v,h); ContentPane.add(jsp); tr.addMouseListener(new MouseAdapter() { public void mouseClicked(MouseEvent me) { doMouseClicked(me); } }); } void doMouseClicked(MouseEvent me) { TreePath tp=tr.getPathForLocation(me.getX(),me.getY()); }</pre>	2	N	U	2	Both option A and B
365	<pre>Select the missing statement in given code import java.applet.*; import java.awt.event.*; import java.awt.*; public class adapter extends Frame { public adapter(){ setSize(200,300); setVisible(true); } public static void main(String aa[]) { new adapter(); } class MyAdapter extends WindowAdapter { public void windowClosing(WindowEvent me) { System.exit(0); } } }</pre>	2	N	U	2	addWindowListener(new MyAdapter());
366	<pre>Select the missing statement in given code import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="SimpleKey" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey extends Applet implements KeyListener { String msg = ""; int X = 10, Y = 20; // output coordinates public void init() { requestFocus(); // request input focus } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } // Display keystrokes. public void paint(Graphics g) { g.drawString(msg, X, Y); } }</pre>	2	N	U	2	addKeyListener(this);
367	<pre>Select the missing statement in given code import java.awt.*; import java.applet.*; /* &lt;APPLET Code="ActionListenerTest" Width=300 Height=300&gt; &lt;/APPLET&gt; */ public class ActionListenerTest extends Applet implements ActionListener { Button b1,b2,b3,b4; public void init() { Font f=new Font("New Times Roman",Font.BOLD,14); b1=new Button("RED"); b2=new Button("BLUE"); b3=new Button("GREEN"); b4=new Button("YELLOW"); b1.setFont(f); b2.setFont(f); b3.setFont(f); b4.setFont(f); add(b1,"North"); add(b2,"South"); add(b3,"East"); add(b4,"West"); b2.addActionListener(this); b3.addActionListener(this); b4.addActionListener(this); } public void actionPerformed(ActionEvent ae) {</pre>	2	N	U	2	All of the above

	<pre>if(ae.getSource()==b1) { b1.setBackground(Color.red); } if(ae.getSource()==b2) { b2.setBackground(Color.blue); } if(ae.getSource()==b3) { b3.setBackground(Color.green); } if(ae.getSource()==b4) { b4.setBackground(Color.yellow); } } }</pre>					
368	Select the missing statement in given code <pre>import java.awt.*; import java.awt.event.*; class AEvent extends Frame implements ActionListener{ TextField tf; AEvent(){ tf=new TextField(); Button b=new Button("click me"); add(b); add(tf); setSize(300,300); setLayout(null); setVisible(true); } public void actionPerformed(ActionEvent e){ tf.setText("Welcome"); } public static void main(String args[]){ new AEvent(); } }</pre>	2	N	U	2	<pre>b.addActionListener(this);</pre>
369	Select the missing statement in given code <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="SimpleKey" width=300 height=100&gt; &lt;/applet&gt; */ public class SimpleKey extends Applet { String msg = ""; int X = 10, Y = 20; // output coordinates public void init() { addKeyListener(this); requestFocus(); // request input focus } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } // Display keystrokes. public void paint(Graphics g) { g.drawString(msg, X, Y); } }</pre>	2	N	U	2	<pre>implements KeyListener</pre>
370	Select the missing statement in given code <pre>import java.applet.*; import java.awt.event.*; import java.awt.*; /* &lt;applet code=event1.class width=250 height=250&gt; &lt;/applet&gt; */ public class event1 extends Applet implements ActionListener { TextField t1; TextField t2; TextField t3; Button b; public void init() { Label num1=new Label("enter number in textfield"); Label num2=new Label("enter number in textfield"); Label num3=new Label("addition of two number"); t1=new TextField(); t2=new TextField(); t3=new TextField(); b=new Button("add"); setLayout(new GridLayout(4,2)); add(num1); add(t1); add(num2); add(t2); add(num3); add(t3); add(b); b.addActionListener(this); } public void if(ae.getSource()==b) { int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int sum=n1+n2; t3.setText(Integer.toString(sum)); } }</pre>	2	N	U	2	<pre>actionPerformed(ActionEvent ae)</pre>
371	Select the missing statement in given code <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="ChoiceDemo" width=300 height=180&gt; &lt;/applet&gt; */ public class ChoiceDemo extends Applet implements ItemListener { Choice os, browser; String msg = ""; public void init() { // add items to os list os.add("Windows 98/XP"); os.add("Windows NT/2000"); os.add("Solaris"); os.add("MacOS"); // add items to browser list browser.add("Netscape 3.x"); browser.add("Netscape 4.x"); browser.add("Netscape 5.x"); browser.add("Netscape 6.x"); browser.add("Internet Explorer 4.0"); browser.add("Internet Explorer 5.0"); browser.add("Internet Explorer 6.0"); browser.add("Lynx 2.4"); browser.select("Netscape 4.x"); // add choice lists to window add(os); add(browser); // register to receive item events os.addItemListener(this); browser.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { repaint(); } // Display current selections. public void paint(Graphics g) { msg = "Current OS: "; msg += os.getSelectedItem(); g.drawString(msg, 6, 120); msg = "Current Browser: "; msg += browser.getSelectedItem(); g.drawString(msg, 6, 140); } }</pre>	2	N	U	2	<pre>os = new Choice(); browser = new Choice();</pre>
372	Select the missing statement in the following code <pre>import java.awt.*; class AppWindow extends Frame { AppWindow(String title) { super(title); this.addWindowListener(new WindowAdapter() { public void windowClosing(WindowEvent we) { System.exit(0); } }); } public void paint(Graphics g) { g.drawString("First Application Window",50,100); } public static void main(String args[]) { AppWindow app=new AppWindow("First Window"); app.setSize(300,400); app.setVisible(true); } }</pre>	2	N	A	2	<pre>Missing import java.awt.event.*; package</pre>
373	Select the missing statement in the following code <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; public class DemoChoice extends Applet { Choice ch; public void init() { ch=new Choice(); ch.add("A"); ch.add("B"); ch.add("C"); ch.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { if(ie.getSource()==ch) showStatus(ch.getSelectedItem()); } } /* &lt;applet code="DemoChoice.class" width=300 height=200&gt;&lt;/applet&gt; */</pre>	2	N	A	2	<pre>A and C are correct</pre>
	Select the missing statement in the given code <pre>import javax.swing.*; import java.awt.*; class CompDemo extends JFrame { public static void main(String[] args) { CompDemo jframe=new CompDemo(); cpane.setLayout(new FlowLayout(FlowLayout.CENTER,20,20)); jframe.setSize(300,300); jframe.setVisible(true); cpane.setBackground(Color.red); Label</pre>					

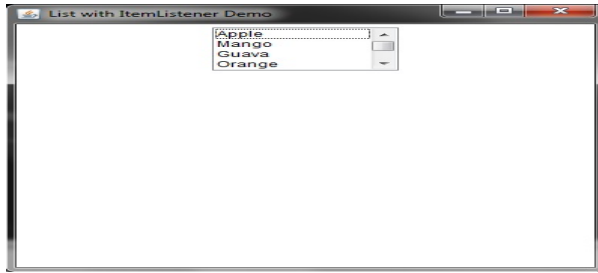
374	<pre>label1=new Label("Name"); cpane.add(label1); JTextField jtextfield=new JTextField(15); cpane.add(jtextfield); Label label2=new Label("Enter Address"); cpane.add(label2); JTextArea jtextarea=new JTextArea(5,10); cpane.add(jtextarea); Label label3=new Label("Enter Password"); cpane.add(label3); JPasswordField jpass=new JPasswordField(10); cpane.add(jpass); } }</pre>	2	N	U	2	Container cpane=jframe.getContentPane();
375	<pre>Select the missing statement in the program import java.awt.*; import java.awt.event.*; public class combodemo extends JApplet implements ItemListener { JLabeljl; ImageIconfrance, germany, italy, japan; public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new FlowLayout()); JComboBoxjc = new JComboBox(); jc.addItem("France"); jc.addItem("Germany"); jc.addItem("Italy"); jc.addItem("Japan"); jc.addItemListener(this); contentPane.add(jc); contentPane.add(jl); } public void itemStateChanged(ItemEventie) { String s = (String)ie.getItem(); jl.setIcon(new ImageIcon(s + ".gif")); } }</pre>	2	N	A	2	import javax.swing.*;
376	<pre>Select the missing statement in the program import java.awt.*; import java.awt.event.*; import javax.swing.*; /* &lt;applet code="combodemo" width=300 height=100&gt; &lt;/applet&gt; */ public class combodemo extends JApplet implements ItemListener { JLabeljl; ImageIconfrance, germany, italy, japan; public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new FlowLayout()); JComboBoxjc = new JComboBox(); jc.addItem("France"); jc.addItem("Germany"); jc.addItem("Italy"); jc.addItem("Japan"); jc.addItemListener(this); contentPane.add(jc); contentPane.add(jl); } public void itemStateChanged(ItemEventie) { String s = (String)ie.getItem(); jl.setIcon(new ImageIcon(s + "star.gif")); } }</pre>	2	N	A	2	jl = new JLabel(new ImageIcon("&quot;star.gif&quot;));
377	<pre>Select the missing statement in the program at ----- to get the following output import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;APPLET Code="EventExample" Width=200 Height=250&gt; &lt;/APPLET&gt; */ public class EventExample extends Applet implements ActionListener { Button b1; TextField t1; public void init() { b1=new Button("Message"); t1=new TextField(35); add(t1); add(b1); ----- } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { t1.setText("Event Handling in Java"); } } }</pre> <p>Figure:-</p> 	2	Y1	A	2	b1.addActionListener(this)
378	<pre>Select the missing statement in the program at -----to get the following output import java.awt.*; import java.awt.event.*; import java.applet.*; public class Mousedlick extends Applet { int fs=10; int x=10; int i=1; public void init() { Button b = new Button( "CLik"); add(b); ----- } public void paint(Graphics g) { g.drawString("Hello Java",150,100+x); x=x+20; } class mouse extends MouseAdapter { public void mouseClicked(MouseEvent me) { if(i&lt;=10) { Font f=new Font("Times new Roman",Font.BOLD,fs); fs=fs+2; Graphics g=getGraphics(); g.setFont(f); i++; paint(g); } } } /*&lt;applet code=Mousedlick width=500 height=500&gt; &lt;/applet&gt; */</pre>	2	N	A	2	b.addMouseListener(new mouse());
	<pre>Select the missing statement in the program for following output import java.awt.*; public class MenuDemo extends Frame { public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setVisible(true); MenuBar mbr = new MenuBar(); m.setMenuBar(mbr); Menu filemenu = new Menu("File"); Menu editmenu = new Menu("Edit"); Menu viewmenu = new Menu("View"); mbr.add(filemenu); mbr.add(editmenu); MenuItem new1 = new MenuItem("New"); MenuItem open1 = new MenuItem("Open"); filemenu.add(new1); filemenu.add(open1); } }</pre>					


379	<p>Figure:-</p> 	2	Y1	A	2	mbr.add(viewmenu);
380	<p>Select the missing statement in the program for following output</p> <pre>import java.awt.*; public class MenuDemo extends Frame { public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setVisible(true); MenuBar mbr = new MenuBar(); m.setMenuBar(mbr); Menu filemenu = new Menu("File"); Menu editmenu = new Menu("Edit"); Menu viewmenu = new Menu("View"); mbr.add(filemenu); mbr.add(editmenu); MenuItem new1 = new MenuItem("New"); MenuItem open1 = new MenuItem("Open"); filemenu.add(new1); filemenu.add(open1); } }</pre> <p>Figure:-</p> 	2	Y1	A	2	mbr.add(viewmenu);
381	<p>Select the missing statement in the program for following output</p> <pre>import java.awt.*; public class MenuDemo extends Frame { public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setVisible(true); MenuBar mbr = new MenuBar(); m.setMenuBar(mbr); Menu filemenu = new Menu("File"); Menu editmenu = new Menu("Edit"); Menu viewmenu = new Menu("View"); mbr.add(filemenu); mbr.add(editmenu); MenuItem new1 = new MenuItem("New"); MenuItem open1 = new MenuItem("Open"); filemenu.add(new1); filemenu.add(open1); } }</pre> <p>Figure:-</p>	2	Y1	A	2	mbr.add(viewmenu);




382	<p>Select the missing statement in the program for following output</p> <pre>import java.awt.*; public class MenuDemo extends Frame { public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setVisible(true); MenuBar mbr = new MenuBar(); _____ Menu filemenu = new Menu("File"); Menu editmenu = new Menu("Edit"); Menu viewmenu = new Menu("View"); mbr.add(filemenu); mbr.add(editmenu); MenuItem new1 = new MenuItem("New"); MenuItem open1 = new MenuItem("Open"); filemenu.add(new1); } }</pre>	2	N	A	2	mbr.add(viewmenu); m.setMenuBar(mbr);
383	<p>Select the missing statement in the program for following output</p> <pre>import java.awt.*; import java.awt.event.*; class ListAction extends Frame { List list; Label label; public ListAction() { setTitle("List with ItemListener Demo"); setSize(400,400); setLayout(new FlowLayout()); setLocationRelativeTo(null); setVisible(true); list=new List(); label=new Label(); list.add("Apple"); list.add("Mango"); list.add("Guava"); list.add("Orange"); list.add("Pineapple"); list.add("Grapes"); list.addItemListener(new ItemListener() { public void itemStateChanged(ItemEvent ie) { label.setText("You selected "+list.getSelectedItem()); } }); } public static void main(String args[]) { new ListAction(); } }</pre> <p>Figure:-</p> 	2	Y1	A	2	Both option A and B
384	<p>Select the missing statement in the program for following output</p> <pre>import java.awt.*; import java.awt.event.*; class ListAction extends Frame { List list; Label label; public ListAction() { setTitle("List with ItemListener Demo"); setSize(400,400); setLayout(new FlowLayout()); setLocationRelativeTo(null); setVisible(true); list=new List(); label=new Label(); list.add("Apple"); list.add("Mango"); list.add("Guava"); list.add("Orange"); list.add("Pineapple"); list.add("Grapes"); list.addItemListener(new ItemListener() { public void itemStateChanged(ItemEvent ie) { label.setText("You selected "+list.getSelectedItem()); } }); } public static void main(String args[]) { new ListAction(); } }</pre> <p>Figure:-</p>	2	Y1	A	2	Both option A and B



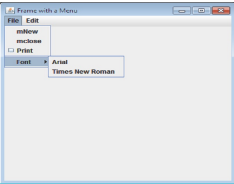


385	<p>select the missing statement in the program for the following output</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /*&lt;applet code=ColorChange width=250 height=300&gt; &lt;/applet&gt;*/ public class ColorChange extends Applet implements ActionListener { Button red; public void init() { red=new Button("RED"); add(red); } public void actionPerformed(ActionEvent e) { setBackground(Color.red); repaint(); } }</pre> <p>Figure:-</p> 	2	Y1	U	2	red.addActionListener(this);
386	<p>Select the missing statement in the program to get correct output.</p> <pre>import java.awt.*; import javax.swing.*; /* &lt;applet code="SqNoDemo" width=300 height=100&gt; &lt;/applet&gt; */ public class SqNoDemo extends JApplet implements ActionListener { Button b1; TextField t1,t2; Label l1,l2; public void init() { t1=new TextField(5); t2=new TextField(5); l1=new Label("Enter Number"); l2=new Label("Square of Number"); b1=new Button("Submit"); add(l1); add(t1); add(l2); add(t2); } public void actionPerformed(ActionEvent ie) { if(ie.getSource()==b1) { int no=Integer.parseInt(t1.getText()); int sq=no*no; t2.setText(Integer.toString(sq)); } } }</pre>	2	N	U	2	All the above
387	<p>Select the missing statement in the program to get the correct output</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; public class app extends Applet implements ActionListener { TextField t1,t2; Label l1,l2; Button b1; public void init() { t1=new TextField(15); t2=new TextField(15); l1=new Label("Enter a no"); l2=new Label("No is"); b1=new Button("Even/Odd"); add(l1); add(t1); add(l2); add(t2); add(b1); } public void actionPerformed(ActionEvent e) { if(e.getSource()==b1) { int a=Integer.parseInt(t1.getText()); if(a%2==0) { t2.setText("Even"); } else { t2.setText("Odd"); } } }</pre>	2	N	A	2	b1.addActionListener(this);
388	<p>Select the missing statement in the program to get the correct output</p> <pre>import java.awt.*; import javax.swing.*; public class JScrollPaneDemo extends JApplet { public void init() { Container contentPane=getContentPane(); contentPane.setLayout(new BorderLayout()); JPanel jp=new JPanel(); jp.setLayout(new GridLayout(20,20)); int b=0; for(int i=0;i&lt;20;i++) { for(int j=0;j&lt;20;j++) { jp.add(new JButton("Button"+b)); ++b; } } int v=ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h=ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; ----- contentPane.add(jsp,BorderLayout.CENTER); } }</pre>	2	N	A	2	JScrollPane jsp=new JScrollPane(jp,v,h);
	<p>Select the missing statement in the program to get the following output</p> <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; /* &lt;applet code="combodemo" width=300 height=100&gt; &lt;/applet&gt; */ public class combodemo extends JApplet implements ItemListener { JLabeljl; ImageIconfrance, germany, italy, japan; public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new FlowLayout()); JComboBoxjc = new</pre>					


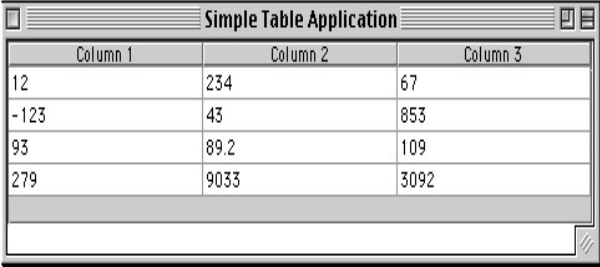
389	<pre>JComboBox(); jc.addItem("France"); jc.addItem("Germany"); jc.addItem("Italy"); jc.addItem("Japan"); jc.addItemListener(this); contentPane.add(jc); contentPane.add(jl); } public void ----- { String s = (String)ie.getItem(); jl = new JLabel("star.gif"); jl.setIcon(new ImageIcon(s + ".gif")); } }</pre>	2	N	A	2	itemStateChanged(ItemEvent ie)
390	<p>Select the missing statement in the program to get the following output</p> <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; /* &lt;applet code="combodemo" width=300 height=100&gt; &lt;/applet&gt; */ public class combodemo extends JApplet implements ItemListener { JLabel jl; ImageIcon france, germany, italy, japan; public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new FlowLayout()); JComboBox jc = new JComboBox(); jc.addItem("France"); jc.addItem("Germany"); jc.addItem("Italy"); jc.addItem("Japan"); jc.addItemListener(this); contentPane.add(jc); contentPane.add(jl); } public void itemStateChanged(ItemEvent ie) { String s = (String)ie.getItem(); jl = new JLabel("star.gif"); jl.setIcon(new ImageIcon(s + ".gif")); } } C. jl = new JLabel( ImageIcon("star.gif")); D. JLabel(new ImageIcon("star.gif"));</pre> <p>Figure:-</p> 	2	Y1	A	2	itemStateChanged(ItemEvent ie)
391	<p>Select the missing statement in the program.</p> <pre>import java.awt.event.*; import javax.swing.*; public class S1Q47 extends JFrame implements ***** { JRadioButton rb1, rb2; String msg; public S1Q47() { rb1 = new JRadioButton("Select Me"); rb1.addActionListener(this); rb2 = new JRadioButton("Select Me"); rb2.***** (this); add(rb1); add(rb2); setVisible(true); setSize(200,200); setDefaultCloseOperation(S1Q47.EXIT_ON_CLOSE); } public void ***** { System.out.println("Radiion button selected"); } public static void main(String arg[]) { S1Q47 s = new S1Q47(); } } }</pre>	2	N	A	2	ActionListener,addActionListener,actionPerformed(ActionEvent e)
392	<p>Select the missing statements at ----- for following program:</p> <pre>import java.awt.*; import java.applet.*; ----- public class Sample extends Applet implements ActionListener, ItemListener { Checkbox check; Button b; public void init() { check=new Checkbox("AJP"); b=new Button("OK"); add(check); add(b); ----- } public void itemStateChanged(ItemEvent ie) { repaint(); } public void actionPerformed(ActionEvent ae) { setBackground(Color.red); } public void paint(Graphics g) { if(check.getState()==true) { g.drawString(check.getLabel()+" is selected",10, 120); } else { g.drawString(check.getLabel()+" is not selected",10, 120); } } }</pre>	2	N	U	2	import java.awt.event.*; check.addItemListener(this); b.addActionListener(this);
393	<p>Select the missing statements at -----in bellow program</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code=keydemo width=400 height=400&gt; &lt;/applet&gt; */ public class keydemo extends Applet implements KeyListener { String msg=""; int i=0; public void init() { ----- } public void keyPressed(KeyEvent e) { ----- msg=e.getKeyChar()+""; repaint(); switch(i) { case KeyEvent.VK_UP: showStatus("up key pressed"); break; case KeyEvent.VK_DOWN: showStatus("Down key pressed"); break; case KeyEvent.VK_ENTER: showStatus("Enter key pressed"); break; case KeyEvent.VK_LEFT: showStatus("left key pressed"); break; case KeyEvent.VK_RIGHT: showStatus("right key pressed"); break; default : showStatus("nothing to print"); } } public void keyReleased(KeyEvent e) { showStatus("Key released"); } public void keyTyped(KeyEvent e) { msg=e.getKeyChar()+""; repaint(); } public void paint(Graphics g) { g.drawString(msg,100,100); } } }</pre>	2	N	U	2	both A and B
	<p>Select the missing statements in given code</p> <pre>import java.awt.*; import java.applet.*; /* &lt;applet code="mouse" width=300 height=100&gt; &lt;/applet&gt; */ public class mouse extends Applet</pre>					

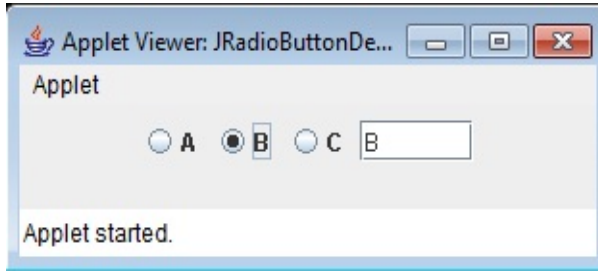
394	implements MouseMotionListener { String msg = ""; int mouseX = 0, mouseY = 0 public void init() { } public void mouseDragged(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = ""; showStatus("Dragging mouse at " + mouseX + ", " + mouseY); repaint(); } public void mouseMoved(MouseEvent me) { showStatus("Moving mouse at " + me.getX() + ", " + me.getY()); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }	2	N	U	2	import java.awt.event.*; addMouseMotionListener(this)
395	Select the missing statements in the following code import java.awt.*; import java.applet.*; import java.awt.event.*; public class SquareDemo extends Applet implements ActionListener { Label l1,l2; TextField t1,t2; Button b1,b2; public void init() { l1=new Label("Enter First NO."); l2=new Label("Square"); ----- t2=new TextField(); b1=new Button("Calculate"); b2=new Button("Clear"); l1.setBounds(50,50,100,40); l2.setBounds(50,100,100,40); t1.setBounds(170,50,100,30); t2.setBounds(170,100,100,30); b1.setBounds(100,200,100,40); b2.setBounds(210,200,100,40); add(l1);add(l2); add(t1);add(t2); add(b1);add(b2); ----- b2.addActionListener(this); } public void actionPerformed(ActionEvent a) { if(a.getSource()==b1) { int no=Integer.parseInt(t1.getText()); t2.setText(""+no*no); } else { t1.setText(""); t2.setText(""); } } } /*<applet code=SquareDemo.class width=500 height=500></applet>*/	2	N	A	2	t1=new TextField(); b1.addActionListener(this);
396	Select the Missing Statement in Program import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="ButtonDemo" width=250 height=150> </applet> */ public class ButtonDemo extends Applet implements ActionListener { String msg = ""; Button yes, no, maybe; public void init() { yes = new Button("Yes"); no = new Button("No"); maybe = new Button("Undecided"); ----- yes.addActionListener(this); no.addActionListener(this); maybe.addActionListener(this); } public void actionPerformed(ActionEvent ae) { String str = ae.getActionCommand(); if(str.equals("Yes")) { msg = "You pressed Yes."; } else if(str.equals("No")) { msg = "You pressed No."; } else { msg = "You pressed Undecided."; repaint(); } } public void paint(Graphics g) { g.drawString(msg, 6, 100); } }	2	N	U	2	add(yes); add(no); add(maybe);
397	Select the proper code for the problem statement given below: Problem statement: Develop a program to display a button with a image icon on it using swing.The image on the button will change when the button is clicked.	2	N	A	2	import java.awt.*; import java.awt.event.*; import javax.swing.*; public class JButtonDemo extends JApplet implements ActionListener { ImageIcon clock; ImageIcon draw; JButton b1; public void init() { clock=new ImageIcon("&quot;i1.jpeg&quot;"); draw=new ImageIcon("i2.jpeg&quot;"); b1=new JButton(clock); } public void actionPerformed(ActionEvent ae) { b1.setIcon(draw); }
398	Select the proper command to run the following code import java.awt.*; import java.applet.*; import java.awt.event.*; /* <applet code=fact.java width=400 height=400> </applet> */ public class fact extends Frame implements ActionListener { TextField t1,t2; Label l1,l2; Button b1; fact(String title) { super(title); t1=new TextField(20); t2=new TextField(20); l1=new Label("ENTER NO"); l2=new Label("output"); b1=new Button("find factorial"); setLayout(new GridLayout(3,2)); add(l1); add(t1); add(l2); add(t2); add(b1); b1.addActionListener(this); addWindowListener(new WindowAdapter() { public void windowClosing(WindowEvent e) { System.exit(0); } }); } public static void main(String args[]) { fact f=new fact("factorial example"); f.setVisible(true); f.setSize(300,300); } public void actionPerformed(ActionEvent ae) { String s; int n; int fact=1; String s1=ae.getActionCommand(); if(s1.equals("find factorial")) { s=t1.getText(); n=Integer.parseInt(s); for(int i=1;i<=n;i++) { fact=fact*i; s="" +fact; t2.setText(s); } } }	2	N	A	2	java fact
399	Select the proper command to run the following code import java.awt.*; import java.awt.event.*; import javax.swing.*; import java.applet.*; /* <applet code="combodemo11" width=300 height=100> </applet> */ public class combodemo11 extends JApplet { public void init() { Container co = getContentPane(); co.setLayout(new FlowLayout()); JComboBox jc=new JComboBox(); jc.addItem("cricket"); jc.addItem("football"); jc.addItem("hockey"); jc.addItem("tennis"); co.add(jc); }	2	N	A	2	appletviewer combodemo11.java
400	Select the proper method at _____ import java.awt.*; import java.applet.*; import java.awt.event.*; public class applet2 extends Applet implements ActionListener { public void init() { Button r=new Button("RED"); r.addActionListener(this); Button g=new Button("GREEN"); g.addActionListener(this); Button b=new Button("BLUE"); b.addActionListener(this); add(r); add(g); add(b); } public void actionPerformed(ActionEvent arg) { String click=arg._____; if(click.equals("RED")) setBackground(Color.red); else if(click.equals("GREEN")) setBackground(Color.green); else	2	N	U	2	getActionCommand()

	<pre>if(click.equals("BLUE")) setBackground(Color.blue); } }</pre>					
401	<pre>Select the proper method that can be used to handle the event import javax.swing.*; import java.awt.*; import java.awt.event.*; public class JRadioDemo extends JApplet implements ActionListener { JRadioButton r1,r2,r3; Container c; public void init() { c=getContentPane(); c.setLayout(new FlowLayout()); r1=new JRadioButton("Red"); r2=new JRadioButton("Green"); r3=new JRadioButton("Blue"); ButtonGroup b=new ButtonGroup(); b.add(r1);b.add(r2);b.add(r3); c.add(r1);c.add(r2);c.add(r3); r1.addActionListener(this); r2.addActionListener(this); r3.addActionListener(this); } public void actionPerformed(ActionEvent a) { if(a.getSource()==r1) c.setBackground(Color.RED); else if(a.getSource()==r2) c.setBackground(Color.GREEN); else c.setBackground(Color.BLUE); } } /* &lt;applet code=JRadioDemo.class width=500 height=500&gt;&lt;/applet&gt;*/</pre>	2	N	A	2	actionPerformed(ActionEvent a)
402	<pre>Select the proper method to handle event in the following program. import java.awt.*; import java.awt.event.*; import java.awt.event.ActionListener; import java.awt.event.WindowAdapter; import java.awt.event.WindowEvent; public class AdjustmentEventExample { public static void main(String[] args) { Frame frame = new Frame("AdjustmentEventExample"); Label label = new Label("Welcome To Java Programming"); Scrollbar h = new Scrollbar(Scrollbar.HORIZONTAL, 30, 20, 0, 300); Scrollbar v = new Scrollbar(Scrollbar.VERTICAL, 30, 40, 0, 300); frame.setLayout(new BorderLayout()); frame.add(h, BorderLayout.SOUTH); frame.add(v, BorderLayout.EAST); frame.add(label, BorderLayout.CENTER); AdjustmentListener ad = new MyAdjustmentListener(); h.addAdjustmentListener(ad); v.addAdjustmentListener(ad); frame.setSize(400, 400); frame.setVisible(true); frame.addWindowListener(new WindowAdapter() { public void windowClosing(WindowEvent e) { System.exit(0); } }); } } class MyAdjustmentListener implements AdjustmentListener { public void adjustmentValueChanged(AdjustmentEvent ae) { System.out.println(ae.getValue()); } }</pre>	2	N	U	2	adjustmentValueChanged(AdjustmentEvent ae)
403	<pre>select the proper methods of mouse motion listener</pre>	2	N	U	2	void mouseMoved(MouseEvent me)
404	<pre>Select the proper output for following code import java.awt.BorderLayout; import java.awt.event.ActionEvent; import java.awt.event.ActionListener; import javax.swing.JButton; import javax.swing.JFrame; import javax.swing.JProgressBar; public class JProgressBarDemo extends JFrame { JProgressBar bar = new JProgressBar(); JButton step = new JButton("Step"); public JProgressBarDemo() { setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); step.addActionListener(new ActionListener() { public void actionPerformed(ActionEvent e) { int value = bar.getValue() + 7; if (value &gt; bar.getMaximum()) { value = bar.getMaximum(); } bar.setValue(value); } }); getContentPane().add(bar, BorderLayout.NORTH); getContentPane().add(step, BorderLayout.EAST); pack(); setVisible(true); } public static void main(String arg[]) { new JProgressBarDemo(); } }</pre>	2	Y2	A	2	
405	<pre>Select the proper output for following code import java.applet.Applet; import java.awt.*; import java.applet.*; public class xyz extends Applet { public void init() { Button b1= new Button("Yes"); add(b1); Button b2= new Button("No"); add(b2); } } /*&lt;applet code=button.class height=200 width=200&gt; &lt;/applet&gt;*/</pre>	2	Y2	U	2	A
406	<pre>Select the proper output for following code import java.awt.*; import java.applet.*; public class S1Q31 extends Applet{ Button b1,b2; TextField t1,t2; Checkbox ch1,ch2; public void init() { setLayout(new GridLayout(3,2)); b1=new Button("Welcome"); b2=new Button("Java"); t1=new TextField("to",10); t2=new TextField("Programing",10); ch1=new Checkbox("Like"); ch2=new Checkbox("Unlike"); add(b1); add(t1); add(b2); add(t2); add(ch1); add(ch2); } } /*&lt;applet code="S1Q31.class" height=200 width=300&gt; &lt;/applet&gt;*/</pre>	2	Y2	U	2	
407	<pre>Select the proper output for following code import java.awt.*; import java.awt.event.*; import java.applet.*; public class Demo extends Applet implements ItemListener { Checkbox cb1,cb2,cb3; public void init() { cb1=new Checkbox("Red"); cb2=new Checkbox("Green"); cb3=new Checkbox("Blue"); add(cb1); add(cb2); add(cb3); cb1.addItemListener(this); cb2.addItemListener(this); cb3.addItemListener(this); } public void itemStateChanged(ItemEvent ie) { if(ie.getSource()==cb1) setBackground(Color.RED); else if(ie.getSource()==cb2) setBackground(Color.YELLOW); else setBackground(Color.BLUE); } } /* &lt;applet code="Demo.class" width=300 height=200&gt;&lt;/applet&gt;*/</pre>	2	Y2	A	2	S1Q4701

408	Select the proper output for following code <pre>import java.awt.*; import java.util.*; import javax.swing.tree.*; class JMyTree extends JFrame { Container con; JTree jt1; Vector v; JMyTree() { con=this.getContentPane(); con.setLayout(new FlowLayout()); this.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); v=new Vector(); v.addElement("My Computer"); v.addElement("D Drive"); v.addElement("E Drive"); jt1=new JTree(v); con.add(jt1); } public static void main(String a[]) { JMyTree jf=new JMyTree(); jf.setSize(300,400); jf.setVisible(true); } }</pre>	2	Y2	U	2	
409	Select the proper output for following code <pre>import java.awt.*; import java.applet.*; public class list2 extends Applet { public void init() { List l= new List(2,true); l.add("java"); l.add("c++"); l.add("kkk"); add(l); } } /* &lt;applet code=list2.class height=200 width=200 &gt; &lt;/applet&gt; */</pre>	2	Y2	A	2	
410	select the proper output for the following code <pre>import java.awt.event.*; public class eh extends Applet implements ActionListener { TextField t1; Button b1,b2; public void init() { t1 = new TextField(20); b1 = new Button("Click Here"); b2 = new Button("Exit"); b1.addActionListener(this); b2.addActionListener(this); add(t1); add(b2); } public void actionPerformed(ActionEvent ae) { if (ae.getSource()==b1) { t1.setText("Welcome to PCTE"); } if (ae.getSource()==b2) { t1.setText("BYE BYE"); } } } /* &lt;applet code = eh.class width=200 height=200 &gt; &lt;/applet &gt; */</pre>	2	Y2	A	2	
411	Some of the event listener interfaces are _____	2	N	A	2	All of these
412	State listener with its method used in following program <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code=exp2.class width=200 height=200 &gt; &lt;/applet &gt; */ public class exp2 extends Applet implements ActionListener { TextField t1,t2; Button b1; Label l1,l2; public void init() { t1=new TextField(5); t2=new TextField(5); b1=new Button("Factorial"); l1=new Label("Enter no"); l2=new Label("Factorial is :"); add(l1); add(t1); add(b1); add(l2); add(t2); b1.addActionListener(this); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { int n1=Integer.parseInt(t1.getText()); int fact=1,i; for(i=1;i&lt;=n1;i++) { fact=fact*i; } t2.setText(Integer.toString(fact)); } } }</pre>	2	N	A	2	ActionListener,actionperformed()
413	State the missing statement in the program for following output <pre>import javax.swing.*; public class MyMenu { public static void main(String args[]) { JFrame frame; JMenuBar mb; frame=new JFrame("Frame with a Menu"); mb=new JMenuBar(); frame.setJMenuBar(mb); JMenuItem mFile,mEdit; mFile=new JMenuItem("File"); mEdit=new JMenuItem("Edit"); JMenuItem mNew,mClose,mCopy,mPaste; mNew=new JMenuItem("New"); mClose=new JMenuItem("Close"); mCopy=new JMenuItem("Copy"); mPaste=new JMenuItem("Paste"); mFile.add("mNew"); mFile.add("mClose"); mEdit.add("mCopy"); mEdit.add("mPaste"); JCheckBoxMenuItem mPrint; mPrint=new JCheckBoxMenuItem("Print"); mFile.addSeparator(); JMenuItem mFont; mFont=new JMenuItem("Font"); mFile.add(mFont); mFont.add("Arial"); mFont.add("Times New Roman"); frame.setSize(400,400); frame.setVisible(true); } }</pre> Figure:- 	2	Y1	A	2	all of the above
414	state the output in following code <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; public class Scrollbarapp extends Applet implements AdjustmentListener { Scrollbar sb1,sb2; @Override public void init() { // TODO Auto-generated method stub sb1=new Scrollbar(); sb2=new Scrollbar(Scrollbar.HORIZONTAL, 200,0, 0, 500); add(sb1); add(sb2); sb2.addAdjustmentListener(this); } @Override public void adjustmentValueChanged(AdjustmentEvent e) { // TODO Auto-generated method stub repaint(); } @Override public void paint(Graphics g) { // TODO Auto-generated method stub</pre>	2	N	A	2	sb1 Scrollbar is display vertical and sb2 display horizontally

	<code>g.drawString("Value = "+sb2.getValue(), 100, 200); }</code>					
415	Suppose A is an inner class in Test. A is compiled into a file named _____.	2	N	A	2	Test.class
416	The AWT container is an instance of the _____ class which holds various components and other containers	2	N	U	2	Container
417	The constructor that is defined by the Text Event class is:	2	N	U	2	TextEvent(Object source,int event_type)
418	The focusEvent can be recognized by two integer constant.	2	N	U	2	Focus_Gained and Focus_Lost
419	The following program contains some errors. Select the correct option to indicate them. <code>import java.awt.*; import java.awt.event.*; import java.applet.*; /*&lt;applet code="exp.class" height=200 width=300&gt; &lt;/applet&gt;*/ public class exp extends Applet implements AdjustmentListener { Scrollbar sbr,sbg,sbb; public void init() { sbr=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); sbg=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); sbb=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); add(sbr); add(sbg); add(sbb); sbr.addAdjustmentListener(this); sbg.addAdjustmentListener(this); sbb.addAdjustmentListener(this); } public void actionPerformed(AdjustmentEvent ae) { Color c; int red,green,blue; red=sbr.getValue(); green=sbg.getValue(); blue=sbb.getValue(); c=new Color(red,green,blue); setBackground(c); } }</code>	2	N	A	2	Incorrect Listener method
420	The following program will increase the font size of a given string by 2 point with every mouse click(max 10 clicks). Select the missing statement and indicate where the statement should be added. <code>import java.awt.*; import java.applet.*; import java.awt.event.*; public class sample4 extends Applet implements MouseListener { Font f; int i=0,c=14; public void init() { f=new Font("Times New Roman",Font.BOLD,c); setFont(f); } public void mousePressed(MouseEvent me) { if(i&lt;10) { c=c+2; f=new Font("Times New Roman",Font.BOLD,c); setFont(f); } i=i+1; } public void mouseClicked(MouseEvent me) {} public void mouseReleased(MouseEvent me) {} public void mouseEntered(MouseEvent me) {} public void mouseExited(MouseEvent me) {} public void paint(Graphics g) { g.drawString("Java prog",50,50); } }</code>	2	N	A	2	addMouseListener(this); inside the init() method
421	The following steps are required to perform 1) implement the Listener interface and overrides its methods 2) Register the component with the Listener	2	N	U	2	Event Handling
422	The following windowEvent defined by WindowEvent Class.	2	N	U	2	Window_Activated,Window_ICONIFIED,Window_GAINED_Focus
423	The given code produces which event : <code>import java.awt.*; import java.applet.*; import java.awt.event.*; /*&lt;applet code=Fact height=150 width=200&gt; &lt;/applet&gt;*/ public class Fact extends Applet implements ActionListener { int fact,n; TextField t1,t2; Button b1; Label l1,l2; public void init() { t1= new TextField(5); t2= new TextField(5); l1= new Label("Enter number"); l2= new Label("Factorial is:"); b1=new Button("Find Factorial"); b1.addActionListener(this); //GridLayout g= new GridLayout(5,2); //setLayout(g); add(l1); add(t1); add(l2); add(t2); add(b1); } public void actionPerformed(ActionEvent e) { if(e.getSource()==b1) { n= Integer.parseInt(t1.getText()); fact=1; for(int i=1; i&lt;=n; i++) { fact=fact*i; } t2.setText(Integer.toString(fact)); } repaint(); } }</code>	2	N	A	2	Action Listener
424	The signature for the registration method for an ActionEvent should be _____.	2	N	A	2	public void addActionListener(ActionListener l)
425	The value typed in TextArea is notified by _____Listener.	2	N	A	2	TextListener
426	The _____ interface handles list event?	2	N	U	2	ItemListener
427	The _____ class has two methods, mouseDragged() and mouseMoved()	2	N	U	2	MouseMotionListener
428	To register a checkbox to event class following statement must be get included in your program	2	N	A	2	Both A & B
	To get the following output complete the code given below. <code>import java.awt.*; import javax.swing.*; /* &lt;applet code="jscroll" width=300 height=250&gt; &lt;/applet&gt; */ public class jscroll extends JApplet { public void init() { Container contentPane = getContentPane(); contentPane.setLayout(new BorderLayout()); } } int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_ALWAYS; int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPanejsp = new JScrollPane(jp, v, h); contentPane.add(jsp, BorderLayout.CENTER); } }</code> Figure:-					JPaneljp = new JPanel(); jp.setLayout(new GridLayout(3,3)); int b = (


429		2	Y1	U	2	<pre>for(int i = 0; i &lt; 3; i++) { for(int j = 0; j &lt; 3; j++) { jp.add(new JButton("&amp;quot;Button &amp;quot; + b)); ++b; } }</pre>
430	<p>To get the following output complete the code given below. import java.awt.*; import java.awt.event.*; import javax.swing.*; class SimpleTableExample extends JFrame { private JPanel topPanel; private.JTable table; private JScrollPane scrollPane; public SimpleTableExample() { setTitle( "Simple Table Application" ); setSize( 300, 200 ); setBackground( Color.gray ); topPanel = new JPanel(); topPanel.setLayout( new BorderLayout() ); getContentPane().add( topPanel ); String columnNames[] = { "Column 1", "Column 2", "Column 3" }; String dataValues[][] = { { "12", "234", "67" }, { "-123", "43", "853" }, { "93", "89.2", "109" }, { "279", "9033", "3092" } }; topPanel.add( scrollPane, BorderLayout.CENTER ); } public static void main( String args[] ) { SimpleTableExample mainFrame = new SimpleTableExample(); mainFrame.setVisible( true ); } }</p> <p>Figure:-</p> 	2	Y1	U	2	<pre>table = new.JTable( dataValues, columnNames ); scrollPane = new JScrollPane( table );</pre>
431	<p>To get the proper output complete the code given below. import java.awt.*; import java.awt.event.*; import java.applet.*; public class DemoKeyEvent extends Applet implements KeyListener { public void init() { this.addKeyListener(this); } public void keyTyped(KeyEvent ke) { showStatus("Key Typed"); } } /*&lt;applet code="DemoKeyEvent.class" width=300 height=300&gt;&lt;/applet&gt;*/</p>	2	N	U	2	All of the above
432	<p>To handle JRadiobutton which Listener and Event Class is Required? Figure:-</p>	2	Y1	U	2	ActionListener and ActionEvent



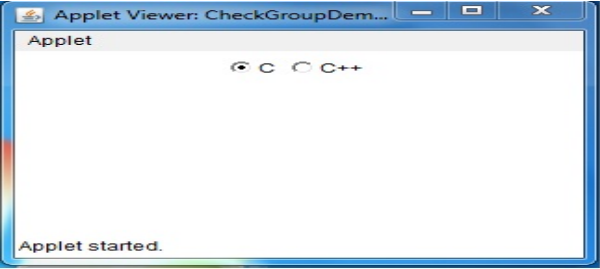

433	<p>To have the following output Inser proper commands in the given code  at*_____ import java.awt.*; import java.awt.event.*; import java.applet.*;  import javax.swing.*; /*&lt;applet code="SimpleKey1.class" width=400 height=400&gt;&lt;/applet&gt;*/  public class SimpleKey1 extends *_____  { String msg=""; int x=10,y=20; public void init() { addKeyListener(this); requestFocus(); }  public void *_____ { showStatus("Key Down"); } public  void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) {  msg +=ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg,40,80); }  }</p>	2	Y2	A	2	JApplet implements KeyListener keyPressed(KeyEvent ke)
434	<p>To use the ActionListener interface it must be implemented by class there are several ways to do that find in the following?</p>	2	N	U	2	D. All mentioned above
435	<p>User clicks a button, presses Return while typing in a text field, or chooses a menu item will use the following Listener class / classess</p>	2	N	A	2	ActionListener
436	<p>What type of eventlisteners can be added to the following code import java.awt. Container;  import java.awt. Font; import java.awt. GridLayout; import java.awt. JButton; import java.awt.  JFrame; public calss GridSize test extends JFrame { public static void main (string[] args ) {  GridSize Test gst = new Grid Size Test (); gst. set Default Close Operation (JFrame.  EXIT_ON_CLOSE); gst. pack (); gst.set Visible (true); } public GridSize Test () Container pane =  getContent Pane (); pane.set layout (new GridLayout (2,2)); JButton button = new JButton ("First  " ) pane. add ( button ); button = new JButton ("Second with a very long name " ); pane. add (  button); button = new JButton ("Hi"); button. set Font (new Font ("courier", Font. PLANIN, 36));  pane . add ( button ); button = new JButton ("there"); pane. add ( button ?); } }</p>	2	N	A	2	C. both A and B
437	<p>what are the content are shown by following code import java.awt.*; import javax.swing.*;  public class JTabbedPaneDemo extends JApplet { public void init() { JTabbedPane jtp = new  JTabbedPane(); jtp.addTab("Cities", new ButtonPanel()); jtp.addTab("Table", new TablePanel());  jtp.addTab("flavours", new flavoursPanel()); jtp.addTab("colours", new ColorsPanel());  Container contentPane = getContentPane(); contentPane.add(jtp); } } class ButtonPanel  extends JPanel { public ButtonPanel() { JButton b1 = new JButton("Parbhani"); JButton b2 =  new JButton("Pune"); JButton b3 = new JButton("Mumbai"); JButton b4 = new  JButton("Aurangabad"); JButton b5 = new JButton("Nanded"); add(b1); add(b2); add(b3);  add(b4); add(b5); } } class ColorsPanel extends JPanel { public ColorsPanel() { JCheckBox  cb1=new JCheckBox("Red"); add(cb1); JCheckBox cb2=new JCheckBox("Green"); add(cb2);  JCheckBox cb3=new JCheckBox("Blue"); add(cb3); } } class TablePanel extends JPanel { public  TablePanel() { String colHead[] = {"Event Source", "Event Type", "Event Listener"}; Object  data[][] = { {"Button", "ActionEvent", "ActionListener"}, {"ScrollBar", "AdjustmentEvent",  "AdjustmentListener"}, {"Choice", "ItemEvent", "ItemListener"}, {"TextField", "TextEvent",  "TextListener"} }; JTable table = new JTable(data, colHead); int v =  ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED; int h =  ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED; JScrollPane jsp = new  JScrollPane(table, v, h); setLayout(new BorderLayout()); add(jsp, BorderLayout.CENTER); } }  class flavoursPanel extends JPanel { public flavoursPanel() { JComboBox jc=new JComboBox();  jc.addItem("vannila"); jc.addItem("Chocolate"); jc.addItem("strabary"); add(jc); } } What will be  the output of the above program?</p>	2	N	A	2	The output contains JTabbedPane,Jbutton,JCheckBox, Jtable,JCombo with JPanel
	<p>What are the minimum packages required for executing the bellow program? class MyDemo  extends Frame { Button b; MyDemo() { setLayout(new FlowLayout()); setSize(500,500); b=new</p>					



438	Button("OK"); add(b); b.addActionListener(this); setLayout(new FlowLayout()); } public void actionPerformed(ActionEvent ae) { System.out.println("Button is Pressed"); } public static void main(String args[]) { new MyDemo().setVisible(true); } }	2	N	U	2	java.awt.* and java.awt.event.*
439	What error will occur while running given applet? import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code=ButtonDemo.class width=500 height=500> </applet> */ public class ButtonDemo extends Applet implements ActionListener { Button b1,b2,b3; String msg; public void init() { msg=""; add(b1); add(b2); add(b3); b1=new Button("Yes"); b2=new Button("No"); b3=new Button("Exit"); b1.addActionListener(this); b2.addActionListener(this); b3.addActionListener(this); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { msg="Yes Button is pressed"; } if(ae.getSource()==b2) { msg="No Button is pressed"; } if(ae.getSource()==b3) { msg="Exit Button is pressed"; } repaint(); } public void paint(Graphics g) { g.drawString(msg,10,250); } }	2	N	A	2	NullPointerException
440	What is error in following program? import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code=ScrollDemo.class width=500 height=500> </applet> */ public class ScrollDemo extends Applet implements AdjustmentListener { Scrollbar s1,s2,s3; public void init() { s1=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); s2=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); s3=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); add(s1); add(s2); add(s3); s1.addAdjustmentListener(this); s2.addAdjustmentListener(this); s3.addAdjustmentListener(this); } public void adjustmentChange(AdjustmentEvent ae) { setBackground(new Color(s1.getValue(),s2.getValue(),s3.getValue())); } }	2	N	A	2	ScrollDemo is not abstract and does not override abstract method adjustmentValueChanged(AdjustmentEvent) in AdjustmentListener p class ScrollDemo extends Applet implements AdjustmentListener
441	What is missing in following code ? import java.awt.*; import java.applet.*; /*<applet code=FontExample.class width=200 height=200></applet>*/ public class FontExample extends Applet { Font f; public void init() { f=new Font("Cambria Math",2,20); set***** (f); } public void paint(Graphics g) { g.drawString("Adv Java",20,50); } }	2	N	A	2	setFont(f)
442	What is missing in the following program code? import java.awt.*; ----- public class DemoFrame extends Frame ----- { public DemoFrame() { this.setBounds(50,50,400,300); this.setVisible(true); ----- } public void windowOpened(WindowEvent obj) { } public void windowClosed(WindowEvent obj) { } public void windowClosing(WindowEvent obj) { System.exit(0); } public void windowActivated(WindowEvent obj) { } public void windowDeactivated(WindowEvent obj) { } public void windowIconified(WindowEvent obj) { } public void windowDeiconified(WindowEvent obj) { } public static void main(String args[]) { DemoFrame f = new DemoFrame(); } }	2	N	U	2	All of the mentioned
443	What is missing statement here ----- import java.awt.*; import javax.swing.*; import java.awt.event.*; public class Radiodemo extends JFrame implements ActionListener { Container cp; JRadioButton jb1,jb2,jb3; Radiodemo(String str) { super(str); cp=getContentPane(); cp.setLayout(new FlowLayout()); jb1=new JRadioButton("Red"); jb2=new JRadioButton("Green"); jb3=new JRadioButton("Blue"); ButtonGroup bg=new ButtonGroup(); bg.add(jb1); bg.add(jb2); bg.add(jb3); cp.add(jb1); cp.add(jb2); cp.add(jb3); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==jb1) { cp.setBackground(Color.red); } if(ae.getSource()==jb2) { cp.setBackground(Color.green); } if(ae.getSource()==jb3) { cp.setBackground(Color.blue); } } public static void main(String args[]) { Radiodemo r=new Radiodemo("Changing Color"); r.setVisible(true); r.setSize(500,400); } }	2	N	A	2	All of the above
444	What is output of follwong program ? import java.awt.*; import java.awt.event.*; public class MyWc extends Frame implements WindowListener { public static void main(String argv[]) { MyWc mwc = new MyWc(); } public void windowClosing(WindowEvent we){ System.exit(0); } public void MyWc() { setSize(300,300); setVisible(true); } }	2	N	A	2	Error at compile time
445	What is output of following code. import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="SimpleKey" width=300 height=100> </applet> */ public class KeyEventDemo extends Applet implements KeyListener { String msg = ""; int X = 10, Y = 20; public void init() { addKeyListener(this); requestFocus(); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyReleased(KeyEvent ke) { showStatus("Key Up"); } public void keyTyped(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } // Display keystrokes. public void paint(Graphics g) { g.drawString(msg, X, Y); } }	2	Y2	A	2	
	What is output of following program? import java.applet.Applet; import java.awt.Graphics; import java.awt.Button; /* <applet code="DetermineIfButtonEnabled" width=100 height=200>					

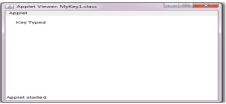
446	<pre> &lt;/applet&gt; */ public class DetermineIfButtonEnabled extends Applet{ boolean isButton1Enabled; boolean isButton2Enabled; public void init(){ //create Buttons Button Button1 = new Button("OK"); Button Button2 = new Button("Cancel"); //add Buttons add(Button1); add(Button2); Button1.setEnabled(false); isButton1Enabled = Button1.isEnabled(); isButton2Enabled = Button2.isEnabled(); } public void paint(Graphics g){ g.drawString("Is Button 1 enabled? " + isButton1Enabled, 10,50); g.drawString("Is Button 2 enabled? " + isButton2Enabled, 10,70); } } </pre> <p>Figure:-</p> 	2	Y1	U	2	Is Button 1 enabled?false Is Button 2 enabled?true
447	What is the correct code to create Button with caption Ok?	2	N	A	2	None of above
448	What is the correct syntax of method required in the given program given below. import java.awt.*; import java.awt.event.*; import java.applet.*; public class eventdemo extends Applet implements ItemEvent { public void init() { Choice c= new Choice(); TextField t1=new TextField(); add(c); c.addItemListener(this); add(t1); } public void _____( _____ ) { t1.setText(c.getSelectedItem()); } } }	2	N	A	2	public void itemStateChanged(ItemEvent ie)
449	What is the highest-level event class of the event-delegation model?	2	N	U	2	java.util.eventObject
450	What is the missing Exception in following program /* <applet code="TestMouse.class" width=300 height=100> </applet> */ import java.awt.*; import java.awt.event.*; import java.applet.*; public class TestMouse extends Applet implements _____ { String msg = ""; int mouseX = 0, mouseY = 0 public void init() { addMouseListener(this); addMouseMotionListener(this); } public void mouseClicked(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse clicked."; repaint(); } public void mouseEntered(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse entered."; repaint(); } public void mouseExited(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse exited."; repaint(); } public void mousePressed(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "Down"; repaint(); } public void mouseReleased(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "Up"; repaint(); } public void mouseDragged(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "*"; showStatus("Dragging mouse at " + mouseX + ", " + mouseY); repaint(); } public void mouseMoved(MouseEvent me) { showStatus("Moving mouse at " + me.getX() + ", " + me.getY()); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }	2	N	A	2	both A & B
451	What is the missing in following block of code? Public class JTextField extends JApplet { JTextField jtf; Public void init() Container contentPane=getContentPane(); contentPane.setLayout(new FlowLayout()); jtf = new JTextField(15); contentPane.add(jtf); }	2	N	A	2	semicolon missing
452	What is the output of following program : import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="SimpleKey" width=300 height=100> </applet> /* Public class SimpleKey extends Applet implements KeyListener { String msg = " "; int X = 10, Y = 20; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent ke) { showStatus("Key Down"); } public void keyPressed(KeyEvent ke) { showStatus("Key Up"); } public void keyPressed(KeyEvent ke) { msg += ke.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg,X,Y); } }	2	N	A	2	Key Up

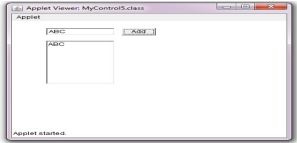

453	what is the output of this program <pre>import java.awt.*; import java.awt.event.*; public class CloseDemo3 { public static void main(String[] args) { Frame f = new Frame("Example"); f.setSize(400,100); f.setVisible(true); f.addWindowListener( new WindowAdapter() { public void windowClosing(WindowEvent e) { setVisible(false); } } ); } }</pre>	2	N	A	2	Window is closed
454	What is the output of this program? Figure:- <pre>import java.awt.*; import java.awt.event.*; public class ActionE1 extends Frame implements ActionListener {     Button b1,b2;     Panel p1;     TextField t1;     public ActionE1()     {         setLayout(new FlowLayout());         b1=new Button("genious");         b2=new Button("smart");         p1=new Panel();         p1.add(b1);         p1.add(b2);         t1=new TextField(50);         p1.add(t1);         setVisible(true);         setSize(600, 200);         public static void main(String args[])         {             new ActionE1();         }         public void actionPerformed(ActionEvent e)         {             if (e.getSource()==b1) {                 t1.setText("we are genious");             }             else {                 t1.setText("we are smart");             }         }     } }</pre>	2	Y1	A	2	Will not show any output
455	What is the output of this program? <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; /*&lt;applet code="Demo1" width=200 height=80&gt; &lt;/applet&gt;*/ public class Demo1 extends Applet implements MouseMotionListener { public void init() { addMouseMotionListener(this); } public void mouseMoved(MouseEvent me) { showStatus("Mouse Moved at "+me.getX()+" , "+me.getY()); } public void mouseDragged(MouseEvent me) { showStatus("Mouse Dragged at "+me.getX()+" , "+me.getY()); } }</pre>	2	Y2	A	2	
456	What is the preferred way to handle an object's events in java?	2	N	A	2	Add one or more event listener to handle the events
457	What is the return type of the method getSource() defined in EventObject class. Select the one correct answer.	2	N	U	2	object
458	What is use of using action listeners in the following program? <pre>import java.applet.*; import java.awt.event.*; import java.awt.*; public class EventListeners extends Applet implements ActionListener{ TextArea txtArea; String Add, Subtract,Multiply,Divide; int i = 10, j = 20, sum =0,Sub=0,Mul = 0,Div = 0; public void init(){ txtArea = new TextArea(10,20); txtArea.setEditable(false); add(txtArea,"center"); Button b = new Button("Add"); Button c = new Button("Subtract"); Button d = new Button("Multiply"); Button e = new Button("Divide"); b.addActionListener(this); c.addActionListener(this); d.addActionListener(this); e.addActionListener(this); add(b); add(c); add(d); add(e); } public void actionPerformed(ActionEvent e){ sum = i + j; txtArea.setText(""); txtArea.append("i = " + i + "\t" + "j = " + j + "\n"); Button source = (Button)e.getSource(); if(source.getLabel() == "Add"){ txtArea.append("Sum : " + sum + "\n"); } if(i &gt; j){ Sub = i - j; } else{ Sub = j - i; } if(source.getLabel() == "Subtract"){ txtArea.append("Sub : " + Sub + "\n"); } Mul = i*j; if(source.getLabel() == "Multiply"){ txtArea.append("Mul = " + Mul + "\n"); } if(i &gt; j){ Div = i / j; } else{ Div = j / i; } if(source.getLabel() == "Divide"){ txtArea.append("Divide = " + Div); } } } Here is the HTML code of the program : &lt;HTML&gt; &lt;BODY&gt; &lt;APPLET CODE ="EventListeners" WIDTH="800" HEIGHT="500"&gt;&lt;/APPLET&gt; &lt;/BODY&gt; &lt;/HTML&gt;</pre>	2	N	A	2	To handle the events generated by these buttons
459	What is wrong in below program <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /*&lt;applet code=adaptdemo width=400 height=400&gt; &lt;/applet&gt;*/ public class adaptdemo extends Applet { public void init() { addKeyListener(new keydemo()); } class keydemo extends MouseAdapter { public void keyPressed(KeyEvent e) { showStatus("pressed"+e.getKeyChar()+"key"); } } }</pre>	2	N	A	2	The keydemo class should extends KeyAdapter
460	What method is used to handle item events from menus, checkboxes, and radio buttons?	2	N	U	2	itemStateChanged()
	What should be added so that we can get following output ? <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /*&lt;applet code=CheckGroupDemo.class height=400 width=500&gt;&lt;/applet&gt;*/ public class CheckGroupDemo extends Applet { Checkbox c1,c2; CheckboxGroup cbg; public void init() { cbg=new CheckboxGroup(); c1=new Checkbox("C"); c2=new Checkbox("C++",cbg,false); add(c1); add(c2); } }</pre>					

461	<p>Figure:-</p> 	2	Y1	A	2	cbg should be added in Checkbox Constructor
462	<p>What should be written for ***** in following code ?</p> <pre>import java.awt.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code=ScrollDemo.class height=400 width=600&gt;&lt;/applet&gt;*/ public class ScrollDemo extends Applet implements AdjustmentListener { Scrollbar v; public void init() { v=new Scrollbar(); add(v); v.addAdjustmentListener(this); } public void *****(AdjustmentEvent ae) { } }</pre>	2	N	A	2	AdjustmentValueChanged
463	<p>What will be correct code for given output</p> <p>Figure:-</p> 	2	Y1	A	2	<pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; pu class assign extends JApplet implements ActionListener { JTextAreaj ButtonGroup bg; public void init() { Container ContentPane=getContentPane(); ContentPane.setLayout(new FlowLayout()); JRadioButtonjb=new JRad</pre>
464	<p>What will be output for following program:</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; public class see extends Applet implements ActionListener { Button b1; public void init() { b1=new Button("Yellow"); add(b1); b1.addFocusListener(this); } public void focusGained(FocusEvent fe) { b1.setBackground(Color.yellow); } } /* &lt;applet code="see.java" width=200 height=100&gt; &lt;/applet&gt; */</pre>	2	Y2	A	2	Compile time error
465	<p>What will be output if user select second item from choice component in following program:</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; public class gee extends Applet implements ItemListener { Choice c1; TextField t1; public void init() { c1=new Choice(); c1.add("1"); c1.add("2"); c1.add("3"); c1.addItemListener(this); add(c1); t1=new TextField(5); add(t1); } public void itemStateChanged(ItemEvent ie) { int id=c1.getSelectedIndex(); t1.setText(""+id); } } /* &lt;applet code="gee.java" width=200 height=100&gt; &lt;/applet&gt; */</pre>	2	Y2	A	2	S1Q5002
466	<p>What will be output of following code</p> <pre>import javax.swing.*; import javax.awt.*; public class Test extends JFrame{ public Test() { setLayout(new FlowLayout()); add(new JButton("Java")); add(new JButton("Java")); add(new JButton("Java")); add(new JButton("Java")); } Public static void main(String[] args) { JFrame frame=new Test(); Frame.setSize(200,100); Frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); frame.setVisible(true); } }</pre>	2	N	A	2	Four buttons are displayed.
467	<p>What will be output of following program</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; /*&lt;applet code=tbutton.java width=300 height=300&gt;&lt;/applet&gt;*/ public class tbutton extends Applet implements ActionListener { Button b; public void init() { b=new Button("Start"); add(b); } public void actionPerformed(ActionEvent ae) { String s=b.getLabel(); if(s.equals("Start")) b.setLabel("Stop"); else b.setLabel("Start");}}</pre>	2	N	U	2	One Button will be Displayed and event will not be handled

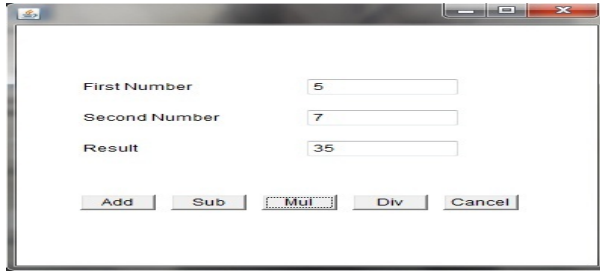
468	What will be output of program when "Ok" button is pressed? <pre>import java.applet.Applet; import java.awt.Button; import java.awt.Graphics; import java.awt.event.ActionEvent; import java.awt.event.ActionListener; /* &lt;applet code="HandleActionEventExample" width=200 height=200&gt; &lt;/applet&gt; */ public class HandleActionEventExample extends Applet implements ActionListener{ String actionMessage=""; public void init(){ Button Button1 = new Button("Ok"); Button Button2 = new Button("Cancel"); add(Button1); add(Button2); Button1.addActionListener(this); Button2.addActionListener(this); } public void paint(Graphics g) { g.drawString(actionMessage,10,50); } public void actionPerformed(ActionEvent ae){ String action = ae.getActionCommand(); if(action.equals("Ok")) actionMessage = "Ok Button Pressed"; else if(action.equals("Cancel")) actionMessage = "Cancel Button Pressed"; repaint(); } }</pre>	2	Y2	U	2	OK button pressed
469	What will be the output of following code? <pre>import java.applet.*; import java.awt.event.*; /* &lt;applet code="InnerClassDemo" width=200 height=100&gt; &lt;/applet&gt; */ public class InnerClassDemo extends Applet { public void init() { addMouseListener(new MyMouseAdapter()); } class MyMouseAdapter extends MouseAdapter { public void mousePressed(MouseEvent me) { showStatus("Mouse Pressed"); } } }</pre>	2	Y2	A	2	S15004
470	What will be the output of following code? <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; import java.applet.*; /* &lt;applet code="TextFieldDemo11" width=380 height=150&gt; &lt;/applet&gt; */ public class TextFieldDemo11 extends Applet implements ActionListener { TextField name, pass; public void init() { Label namep = new Label("Name: ", Label.RIGHT); Label passp = new Label("Password: ", Label.RIGHT); name = new TextField(12); pass = new TextField(8); pass.setEchoChar('?'); add(namep); add(name); add(passp); add(pass); name.addActionListener(this); pass.addActionListener(this); } public void actionPerformed(ActionEvent ae) { repaint(); } public void paint(Graphics g) { g.drawString("Name: " + name.getText(), 6, 60); g.drawString("Selected text in name: " + name.getSelectedText(), 6, 80); g.drawString("Password: " + pass.getText(), 6, 100); } }</pre>	2	Y2	A	2	S14802
471	What will be the output of following code? <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; public class ButtonDemo1 extends Applet implements ActionListener { String msg=" "; Button b1,b2,b3; public void init() { b1=new Button("Red"); b2=new Button("Green"); b3=new Button("Blue"); add(b1); add(b2); add(b3); b1.addActionListener(this); b2.addActionListener(this); b3.addActionListener(this); } public void actionPerformed(ActionEvent ae) { String str=ae.getActionCommand(); if (str.equals("Red")) { setBackground(Color.red); } else if (str.equals("Green")) { setBackground(Color.green); } else if (str.equals("Blue")) { setBackground(Color.blue); } repaint(); } public void paint(Graphics g) { g.drawString(msg,0,100); } } /*&lt;applet code="ButtonDemo1.class" width=200 height=400&gt; &lt;/applet&gt;*/</pre>	2	Y2	A	2	46o1
472	What will be the output of following program? <pre>import java.awt.*; import java.awt.event.*; class Sample extends Frame { Sample(String title) { super(title); addWindowListener(new WindowAdapter()); setSize(400,400); setVisible(true); } public void windowClosing(WindowEvent we) { setVisible(false); System.exit(0); } public static void main(String args[]) { Sample f=new Sample("Window Example"); } }</pre>	2	N	A	2	A frame window which can be closed.
473	What will be the output of given code <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; import java.applet.*; public class expt4 extends JApplet implements ActionListener { JComboBox cb; public void init() { Container co=getContentPane(); co.setLayout(new FlowLayout()); JComboBoxcb=new JComboBox(); cb.addItem("Cricket"); cb.addItem("Football"); cb.addItem("Hockey"); cb.addActionListener(this); co.add(cb); } public void actionPerformed(ActionEvent AE) { cb=(JComboBox)AE.getSource(); if("Cricket"==cb.getSelectedItem()) { getContentPane().setBackground(Color.RED); } if("Football"==cb.getSelectedItem()) { getContentPane().setBackground(Color.GREEN); } if("Hockey"==cb.getSelectedItem()) { getContentPane().setBackground(Color.BLUE); } repaint(); } } /*&lt;APPLET CODE="expt4.class" HEIGHT=200 WIDTH=200&gt;&lt;/APPLET&gt;*/</pre>	2	Y2	A	2	A and B
474	What will be the output of the above program: <pre>import java.applet.*; import java.awt.*; import java.awt.event.*; /* &lt;applet code="fontdemo" width=200 height=100&gt; &lt;/applet&gt; */ public class fontdemo extends Applet { int next=0; Font f; String msg; public void init() { setBackground(Color.yellow); setForeground(Color.magenta); f=new Font("Times New Roman", Font.ITALIC,18); msg="Welcome to java Programming"; setFont(f); } public void paint(Graphics g) { g.drawString(msg,100,50); }</pre>	2	N	A	2	Welcome to java programming

475	<p>What will be the output of the program given below</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code = sample4.class width = 400 height = 400&gt;&lt;/applet&gt; */ public class sample4 extends Applet implements MouseListener { Font f; int i=0,c=14; public void init() { f=new Font("Times New Roman",Font.BOLD,c); setFont(f); addMouseListener(this); } public void mousePressed(MouseEvent me) { if(i&lt;10) { c=c+2; f=new Font("Times New Roman",Font.BOLD,c); setFont(f); } i=i+1; } public void mouseClicked(MouseEvent me) {} public void mouseReleased(MouseEvent me) {} public void mouseEntered(MouseEvent me) {} public void mouseExited(MouseEvent me) {} public void paint(Graphics g) { g.drawString("Advanced Java programming",50,50); } }</pre>	2	N	U	2	<p>The output will display the string "Advanced Java Programming" in appletviewer window. The size of the string will increase by two points with every mouse click.</p>
476	<p>What will be the output of the program?</p> <p>Figure:-</p> <pre>import java.awt.*; import java.awt.event.*; public class ActionEventEX extends Frame implements ActionListener {     Button b1,b2;     Panel p1;     TextField f;     public ActionEventEX()     {         setLayout(new FlowLayout());         b1=new Button("Genious");         b2=new Button("Smart");         p1=new Panel();         p1.add(b1);         p1.add(b2);         f=new TextField(50);         p1.add(f);         setVisible(true);         setSize(600,200);     }     public static void main(String args[])     {         new ActionEventEX();     } }</pre>	2	Y1	A	2	<p>Compilation error</p>
477	<p>What will be the output of the program?</p> <p>Figure:-</p> <pre>import java.awt.*; import java.awt.event.*; public class ActionE3 extends Frame implements ActionListener {     Button b1,b2;     Panel p1;     TextField f;     public ActionE3()     {         setLayout(new FlowLayout());         Label l1=new Label("Select city");         add(l1);         Choice c=new Choice();         c.add("Nepal");         c.add("India");         c.add("Mumbai");         c.add("Amravati");         add(c);         add(c1);         setVisible(true);         setSize(600,200);     }     public static void main(String args[])     {         new ActionEventEX();         new ActionEventEX();         public void actionPerformed(ActionEvent e)         {             if (e.getSource()==b1) {                 f.setText("we are genious");             }             else {                 f.setText("we are smart");             }         }     } }</pre>	2	Y1	A	2	<p>Will produce label and Choice as ouput</p>
478	<p>what will be the result of following code if value of no1=no2=no3=2 and Button pressed="ok";</p> <pre>import java.awt.*; import java.applet.*; import java.awt.event.*; /* &lt;applet code "adddemo.class" height=400 width=400&gt; &lt;/applet code&gt; */ public class adddemo extends Applet implements ActionListener{ String msg=""; Label l1,l2,l3,l4; TextField t1,t2,t3,t4; Button b1,b2; FlowLayout f; public void init() { f=new FlowLayout(FlowLayout.LEFT,10,10); setLayout(f); l1=new Label("enter no1"); add(l1); t1=new TextField(5); add(t1); l2=new Label("enter no2"); add(l2); t2=new TextField(5); add(t2); l3=new Label("Enter no3"); add(l3); t3=new TextField(5); add(t3); l4=new Label("Result"); add(l4); t4=new TextField(10); add(t4); b1=new Button("ok"); add(b1); b2=new Button("not ok"); add(b2); b1.addActionListener(this); b2.addActionListener(this); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { msg="Result is correct"; int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int n3=Integer.parseInt(t3.getText()); int n=n1+n2+n3;</pre>	2	N	A	2	6

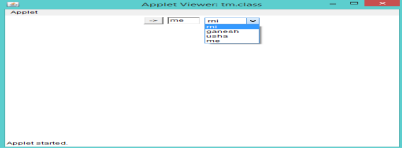
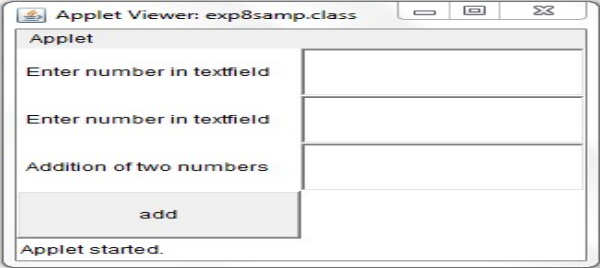
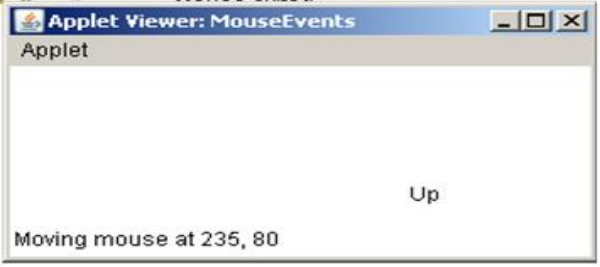
	<pre>t4.setText(Integer.toString(n)); } else if(ae.getSource()==b2) { msg="Result is not correct"; } repaint(); } public void paint(Graphics g) { g.drawString(msg, 2, 200); } }</pre>					
479	What will happen when any item from list is selected import java.applet.Applet; import java.awt.*; import java.awt.event.*; /*<applet code="cho" width=300 height=300></applet>*/ public class cho extends Applet implements ItemListener { TextField t1; Choice l1; public void init() { t1=new TextField(10); l1=new Choice(); l1.add("sangamner"); l1.add("nasik"); l1.add("pune"); l1.add("mumbai"); add(l1); add(t1); l1.addItemListener(this); } public void itemStateChanged(ItemEvent e) { if(e.getItemSelectable()!=l1) t1.setText(((Choice)e.getItemSelectable()).getSelectedItem());}}	2	N	A	2	Selected item will be displayed in textfield
480	What will happen when Button with caption "<" is clicked import java.awt.*; import java.applet.*; import java.awt.event.*; /*<applet code=llist2.java width=300 height=300></applet>*/ public class llist2 extends Applet implements ActionListener { List l1,l2; TextField tdata; Button badd1,badd2,b1,b2,b3,b4; public void init() { l1=new List(5,true); l2=new List(5,true); tdata=new TextField(10); badd1=new Button("Add1"); badd2=new Button("Add2"); b1=new Button("<"); b2=new Button(">"); b3=new Button("<<"); b4=new Button(">>"); add(l1); add(b1); add(b2); add(b3); add(b4); add(badd1); add(tdata); add(badd2); add(l2); badd1.addActionListener(this); badd2.addActionListener(this); b1.addActionListener(this); b2.addActionListener(this); b3.addActionListener(this); b4.addActionListener(this); } public void actionPerformed(ActionEvent ae) { int n; String s=ae.getActionCommand(); if(s=="Add1") l1.addItem(tdata.getText()); if(s=="Add2") { l2.addItem(tdata.getText()); } if(s=="<") { n=l1.getSelectedIndex(); if(n!=-1) l2.addItem(l1.getSelectedItem()); } if(s==">") { n=l2.getSelectedIndex(); if(n!=-1) l1.addItem(l2.getSelectedItem()); } if(s=="<<") { n=l1.countItems(); for(int i=0;i<n;i++) { l1.select(i); l2.addItem(l1.getSelectedItem()); } } if(s==">>") { n=l2.countItems(); for(int i=0;i<n;i++) { l2.select(i); l1.addItem(l2.getSelectedItem()); }}}	2	N	A	2	"&lt;" is pressed item from list1 is added to list2
481	What will happen when you attempt to compile and run the following code? import java.awt.*; import java.awt.event.*; public class MClick extends Frame implements MouseListener { public static void main(String argv[]) { MClick s = new MClick(); } MClick() { this.addMouseListener(this); } public void mouseClicked(MouseEvent e) { System.out.println(e.getWhen()); } }	2	N	A	2	Compile time error
482	When a program class implements an interface, it must provide behavior for	2	N	U	2	all methods defined in that interface
483	When ContainerEvent is generated, following action is done-	2	N	U	2	Component is added or removed
484	When the event source generates an event the event source notifies to ..... that the event has occurred.	2	N	U	2	all the listener objects
485	When the given output is generated ? Figure:- 	2	Y1	U	2	When Alphabet key A is pressed
486	When two or more object are added as listeners for the same events ,ehich listener is first invoked to handle the event?	2	N	U	2	The last object that wass added as listner
487	When two or more objects are added as listeners for the same event, which listener is first invoked to handle the event?	2	N	A	2	There is no way to determine which listener will be invoked first.

488	When two or more objects are added as listeners for the same event, which listener is first invoked to handle the event?	2	N	U	2	The last object that was added as listener
489	When two or more objects are added as listeners for the same events, which listener is first invoked to handle the event?	2	N	U	2	There is no way to determine which listener will be invoked first
490	When user change text present in text field then that event listen by	2	N	U	2	TextListener
491	When you run the following applet from a browser, what is displayed: <code>import javax.swing.*; public class Test extends JApplet { public Test() { System.out.println("Default constructor is invoked"); } public void init() { System.out.println("Init method is invoked"); } }</code>	2	N	U	2	Default constructor is invoked, then Init method is invoked
492	Whether the given code is correct to generate the given output <code>import java.applet.*; import java.awt.*; public class MyControl5 extends Applet implements ActionListener { List l; TextField t; Button b; public void init() { b=new Button("Add"); l=new List(); t=new TextField(); add(b); add(l); add(t); b.addActionListener(this); } public void actionPerformed(ActionEvent ae) { l.add(t.getText()); } }</code> Figure:- 	2	Y1	A	2	No
493	Which of these events will be generated if we close an applet's window ?	2	N	A	2	WindowEvent
494	Which among the following is true about the event?	2	N	U	2	all of these
495	Which are passive controls that do not support any interaction with the user?	2	N	U	2	Labels
496	Which are the methods of MouseMotionListener	2	N	U	2	<code>void mouseMoved(MouseEvent e) , void mouseDragged(MouseEvent</code>
497	Which AWT control is required for getting following output Figure:- 	2	Y1	A	2	Label
498	Which class header would be used to create an applet that accepts a click on a button?	2	N	U	2	<code>public class MyApplet extends JApplet implements ActionListener</code>
499	Which class is used for this Processing Method <code>processActionEvent()</code> ?	2	N	A	2	Button,List,MenuItem
500	Which controls are used to get the following output Figure:-	2	Y1	A	2	TextField, TextArea , Button






501	Which Event is /are handled on List Component	2	N	A	2	Any of one depends on single click and double click
502	Which Event is generated when a component is added to or removed from a container	2	N	U	2	ContainerEvent
503	Which Event is generated when applet window is closed by user?	2	N	U	2	WindowEvent
504	Which event is generated when the position of scrollbar is changed.Select the correct answer.	2	N	A	2	AdjustmentEvent
505	which Event is required in to minimize and close the object drawn by the following code <pre>import java.awt.*; import java. Awt. Event.*; /* &lt;applet code = "Application window " height = 300 width = 200&gt; &lt;/applet&gt;*/ public class ApplicationFrame extends Frame { public ApplicationFrame () { super ("Application Window"); setSize(200,200); } public static void main (String [] args) { Application frame aw = new public Application Frame (); aw. set Visible (true); } }</pre>	2	N	A	2	C. Window listener
506	Which import statement is used for following program. <pre>/* &lt;applet code=exp1.class width=200 height=200&gt; &lt;/applet&gt; */ public class exp1 extends Applet { public void init() { setLayout(new BorderLayout()); add(new Button("TOP"),BorderLayout.NORTH); add(new Button("BOTTOM"),BorderLayout.SOUTH); add(new Button("RIGHT"),BorderLayout.EAST); add(new Button("LEFT"),BorderLayout.WEST); } }</pre>	2	N	A	2	import java.awt.event.*; import java.awt.*; import java.applet.*;
507	Which is mssng statement in the following code <pre>import java.awt.*; import java.awt.event.*; import javax.swing.*; import java. applet.*; /* &lt;applet code="JRadio1" width=300 height=100&gt; &lt;/applet&gt;*/ public class JRadio1 extends JApplet implements ActionListener { Container ContentPane=getContentPane(); JTextField tf; public void init() { ContentPane.setLayout(new FlowLayout()); JRadioButton r1=new JRadioButton("Red"); r1.addActionListener(this); ContentPane.add(r1); JRadioButton g1=new JRadioButton("Green"); ContentPane.add(g1); JRadioButton b1=new JRadioButton("Blue"); b1.addActionListener(this); ContentPane.add(b1); ButtonGroup bg=new ButtonGroup(); bg.add(r1); bg.add(g1); bg.add(b1); tf=new JTextField(5); ContentPane.add(tf); } public void actionPerformed(ActionEvent ae) { String s; s=ae.getActionCommand(); if(s=="Red") ContentPane.setBackground(Color.red); else if(s=="Green") ContentPane.setBackground(Color.green); else if(s=="Blue") ContentPane.setBackground(Color.blue); } }</pre>	2	N	A	2	g1.addActionListener(this);
508	Which is the mehtod of keyListener Interface?	2	N	U	2	All of above
509	Which line of code is missing in following code <pre>import java.awt.*; import java.awt.event.*; import java. applet.*; /* &lt;applet code="KeyEventDemo.class" width=400 height=400&gt; &lt;/applet&gt;*/ public class KeyEventDemo extends Applet implements KeyListener { String msg=""; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent e) { showStatus("Key Down"); int key=e.getKeyCode(); repaint(); } public void keyTyped(KeyEvent e) { msg+=e.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg,10,20); } }</pre>	2	N	A	2	public void keyReleased(KeyEvent e) { showStatus("&quot;Key up&quot;"); }
510	Which line of code is missing in following code and error statement code line <pre>import java.awt.*; import java.awt.event.*; import java. applet.*; /* &lt;applet code="KeyEventDemo.class" width=400 height=400&gt; &lt;/applet&gt;*/ public class KeyEventDemo extends Applet implements _____ { String msg=""; public void init() { addKeyListener(this); } public void keyPressed(KeyEvent e) { showStatus("Key Down"); int key=e.getKeyCode(); repaint(); } public void keyTyped(KeyEvent e) { msg+=e.getKeyChar(); repaint(); } public void paint(Graphics g) { g.drawString(msg,10,20); } }</pre>	2	N	A	2	KeyListener public void keyReleased(KeyEvent e) { showStatus("&quot;Key up&quot;"); }
	which listener is missing in following code.? import java.awt.*; import java.awt.event.*; import					

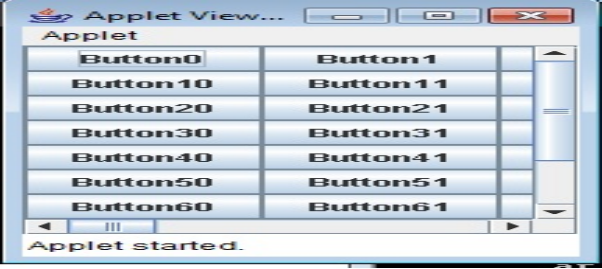
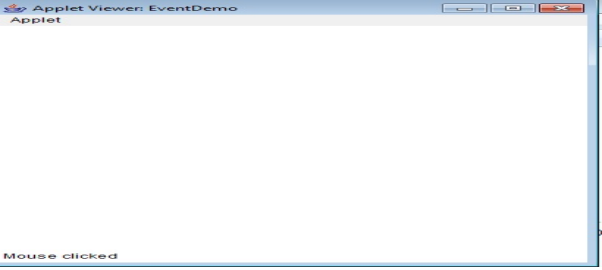

511	<pre>java.applet.*; public class TextField_Demo extends Applet implements { Label l1,l2; TextField t1,t2; String msg; public void init() { l1=new Label("Name :"); l2=new Label("Pass :"); t1=new TextField(20); t2=new TextField(20); t2.setEchoChar('*'); add(l1); add(t1); add(l2); add(t2); t1.addActionListener(this); t2.addActionListener(this); } public void actionPerformed(ActionEvent ae) { repaint(); } public void paint(Graphics g) { msg="Name : "; msg+=t1.getText(); g.drawString(msg,6,100); msg="Selected text : "; msg+=t1.getSelectedText(); g.drawString(msg,6,200); msg="Pass : "; msg+=t2.getText(); g.drawString(msg,6,300); }</pre>	2	N	A	2	ActionListener
512	<p>Which Listener is required here to handle current event Figure:-</p> 	2	Y1	A	2	itemListener
513	<p>Which Listener is required to handle event Figure:-</p> 	2	Y1	A	2	ActionListener
514	<p>which Listeners are required for following output. Figure:-</p> 	2	Y1	A	2	MouseListener, MouseMotionListener
515	<p>Which method is missing in the code given below :import java. Awt. *; import java.awt.event.*; class Aevent extends Frame implements ActionListener{ TextField tf; Aevent () { tf=new TextField (); tf.setBounds(60,50,170,20); Button b = new Button ("click me " ) b.setBounds</p>	2	N	A	2	b.addActionListener()

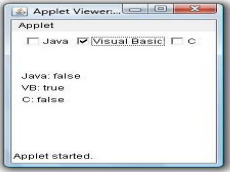
	(100,120,80,30); add ( b);add(tf); setSize(3600,300); setLayout(null); setVisible (true); } public void actionPerformed (ActionEvent e ) { tf.setText("Welcome"); } pulic static void main ( String args [] ) { new AEvent(); } }					
516	Which method ***** is missing in following program. import java.awt.*; import java.awt.event.*; class FrameDemo extends Frame { FrameDemo() { addWindowListener(new MyWindowAdapter()); } public static void main(String args[]) { FrameDemo f=new FrameDemo(); f.setSize(100,200); f.setTitle("Frame window"); f.setVisible(true); } public void paint(Graphics g) { g.drawString("this is a frame",100,200); } class MyWindowAdapter extends WindowAdapter { public void ***** (WindowEvent we) { System.exit(0); } } }	2	N	A	2	windowClosing()
517	Which method identifies the type of an event generated. Select the one correct answer.	2	N	U	2	getID()
518	Which method is Applcable for ItemListener interface ?	2	N	R	2	itemStateChanged(ItemEvent e)
519	Which method is missing in following program. import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="MouseEventsapp" width=300 height=100> </applet> */ public class MouseEventsapp extends Applet implements MouseMotionListener { String msg = ""; int mouseX = 0, mouseY = 0; public void init() { addMouseListener(this); } public void mouseDragged(MouseEvent me) { mouseX = me.getX(); mouseY = me.getY(); msg = "*"; showStatus("Dragging mouse at " + mouseX + ", " + mouseY); repaint(); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }	2	N	A	2	mouseMoved()
520	Which method is missing in following program. import java.awt.*; import java.awt.event.*; import java.applet.*; /* <applet code="MouseEventsapp" width=300 height=100> </applet> */ public class MouseEventsapp extends Applet implements MouseListener { String msg = ""; int mouseX = 0, mouseY = 0; // coordinates of mouse public void init() { addMouseListener(this); } public void mouseClicked(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse clicked."; repaint(); } public void mouseEntered(MouseEvent me) { mouseX = 0; mouseY = 10; msg = "Mouse entered."; repaint(); } public void mouseExited(MouseEvent me) { // save coordinates mouseX = 0; mouseY = 10; msg = "Mouse exited."; repaint(); } public void mousePressed(MouseEvent me) { msg = "Down"; repaint(); } public void paint(Graphics g) { g.drawString(msg, mouseX, mouseY); } }	2	N	A	2	mouseReleased()
521	which method is required to register mouse listener to awt components	2	N	A	2	addMouseListener
522	which method is required to handle the button event as shown in following image ? //Experiment no.05 //Porgam for Handling Events import java.awt. * ; import java.applet.*; import java.awt. Event.*; public class DemoEvent extends Applet implements ActionListener { TextField t1,t2,t3; Label l1,l2,l3; Button b1,b2,b3,b4; public void init() // Applet Initalized { t1 = new TextField(5); t2 = new TextField(5); t3= new TextField(5) l1 = new Label ("First N0"); l2 = new Label ("Second No") l3 = new Label ("Add/Sub/Div/Mul is :"); b1.addActionListener(this); b2.addActionListener(this) b3.addActionListener (this); b4.addActionListener; GridLayout g= new GridLayout(5,2); Set Layout (g); add (l1)add(t1);add(l2);add(t2); add (l3)add(t3);add(b1);add(b2); add(b3); add(b4); { //expected here { if (e.getSource() ==b1) int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int n3 =n1+n2; l3.setText("Additionis:"); t3.setText(Integer.toString(n3)); } if (e.getSource() ==b2) int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int n3 =n1-n2; l3.setText("Subtraction is:"); t3.setText(Integer.toString(n3)); } if (e.getSource() ==b3) int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int n3 =n1*n2; l3.setText("Multiplication is:"); t3.setText(Integer.toString(n3)); } if (e.getSource() ==b4) int n1=Integer.parseInt(t1.getText()); int n2=Integer.parseInt(t2.getText()); int n3 =n1/n2; l3.setText("Division is:"); t3.setText(Integer.toString(n3)); } } } /* <Applet code ="DesmoEvent.class" height="150" width ="250"> */	2	N	A	2	D. public void actionPerformed (ActionEvent event )
523	Which method is used to display icon on a component?	2	N	U	2	setIcon(ImageIcon i)
524	Which of the following are valid return types, for listener methods ?	2	N	A	2	void
525	Which of the constant(s) from following constants is defined in WindowEvent class?	2	N	U	2	ALL ABOVE

526	Which of the following are true?	2	N	U	2	A and C
527	Which of the following are true?	2	N	U	2	Button object may generate an ActionEvent
528	Which of the following code is required to display output in table format.	2	N	U	2	Container c1=getContentPane(); c1.setLayout(new GridLayout());
529	which of the following components generate item event	2	N	A	2	Button
530	Which of the following does NOT generate GUI events?	2	N	U	2	Displaying the text in a label.
531	Which of the following does not have it default Layout as BorderLayout	2	N	U	2	Panel
532	Which of the following event of KeyEvent class is generated when a character is pressed?	2	N	U	2	All of above
533	Which of the following generate action event?	2	N	U	2	Button
534	Which of the following handles event in Event Delegation Model?	2	N	U	2	Listener
535	Which of the following integer constants are defined by AdjustmentEvent class that can be used to identify adjustment events? 1. BLOCK_DECREMENT 2. BLOCK_INCREMENT 3. TRACK 4. UNIT_DECREMENT 5. UNIT_INCREMENT	2	N	A	2	All are defined
536	which of the following is not type of KeyEvent class	2	N	U	2	KEY_DOWN
537	Which of the following is the highest class in the event delegation class hierarchy? Figure:- 	2	N	U	2	java.util.EventObject
538	Which of the following methods of ItemListener must be overridden in order to handle ItemEvent?	2	N	U	2	public void itemStateChanged(ItemEvent obj)
539	Which of the following MouseMotionListener interface methods?	2	N	U	2	mouseDragged(MouseEvent me), mouseMoved(MouseEvent me)
540	Which of the following statements are true? A. All events will be processed in the order, the listener were added. B. Using the adapter approach to event handling means creating blank method bodies for all event methods. C. A component may have multiple listeners associated with it. D. Listeners may be removed once added.	2	N	U	2	C and D
541	Which of the following statements are true?	2	N	A	2	JButton has a constructor new JButton(Action) that enables you to add an instance of Action to the menu.
542	Which of the following statements is true about MouseMotionListener?	2	N	U	2	All of the mentioned
543	Which of the following statements registers a panel object p as a listener for a button variable jbt?	2	N	U	2	jbt.addActionListener(p)
544	Which of the following component cannot be registered with actionPerformed() method of ActionListener?	2	N	U	2	CheckBox
545	Which of these are constants defined in WindowEvent class?	2	N	U	2	All of the mentioned
546	Which of these are integer constants defined in ActionEvent class?	2	N	A	2	ALL of the mentioned
547	Which of these are integer constants of TextEvent class?	2	N	U	2	TEXT_VALUE_CHANGED
548	Which of these are integer constants of ComponentEvent class?	2	N	A	2	All of the mentioned
549	Which of these constant value will change when the button at the end of scroll bar was clicked to increase its value?	2	N	U	2	UNIT_INCREMENT

550	Which of these event will be generated if we close an applet window?	2	N	U	2	WindowEvent
551	Which of these events are notified by List?	2	N	U	2	both a and b
552	Which of these events is generated when a button is pressed ?	2	N	U	2	ActionEvent
553	Which of these events is generated when the component is added or removed?	2	N	U	2	ContainerEvent
554	which of these events will be generated if we close an applet's window?	2	N	A	2	WindowEvent
555	Which of these Events will be notified if scroll bar is manipulated	2	N	U	2	AdjustmentEvent
556	which of these Integer Constant Are defined in ActionEventClass	2	N	A	2	all of the these
557	which of these interfaces define a method actionPerformed()?	2	N	U	2	ActionListener
558	Which of these interfaces handles the event when a component is added to a container?	2	N	U	2	ContainerListener
559	Which of these is superclass of WindowEvent class?	2	N	U	2	ComponentEvent
560	Which of these methods are used to register a keyboard event listener?	2	N	U	2	addKeyListener()
561	which of these methods are used to register a mouse motion listener?	2	N	A	2	addMouseMotionListener()
562	Which of these methods can be used to obtain the coordinates of a mouse?	2	N	U	2	getPoint()
563	Which of these methods can be used to obtain the reference to the container that generated a ContainerEvent?	2	N	U	2	getContainerEvent()
564	Which of these methods is defined in MouseMotionAdapter class?	2	N	A	2	A. mouseDragged()
565	Which of these methods is defined in MouseMotionAdapter class?	2	N	A	2	mouseMoved()
566	Which of these methods will respond when you click any button of mouse?	2	N	U	2	all of this
567	Which package contains all classes & methods required for Event Handling in Java?	2	N	U	2	java.awt.event
568	Which package should be added in the following program to get the proper output: public class JCheckBoxDemo extends JApplet implements ItemListener { JTextField jtf; public void init() { Container c = getContentPane(); c.setLayout(new FlowLayout()); ImageIcon img1 = new ImageIcon("jpgIcon.jpg"); ImageIcon img2= new ImageIcon("Winter.jpg"); ImageIcon img3 = new ImageIcon("Sunset.jpg"); JCheckBox cb = new JCheckBox("C", img1); cb.setRolloverIcon(img2); cb.setSelectedIcon(img3); cb.addItemListener(this); c.add(cb); cb = new JCheckBox("C++",img1); cb.setRolloverIcon(img2); cb.setSelectedIcon(img3); cb.addItemListener(this); c.add(cb); jtf = new JTextField(15); c.add(jtf); } public void itemStateChanged(ItemEvent ie) { JCheckBox cb = (JCheckBox)ie.getItem(); jtf.setText(cb.getText()); } }	2	N	A	2	All of these
569	Which program segment will generate the following output. Figure:- 	2	Y1	A	2	Which program segment will generate the following output. import javax.swing.*; import java.awt.*; import java.awt.event.*; public class DemoFrame extends JFrame implements ItemListener { JComboBox li Container c; public DemoFrame() { this.setLayout(new

570	Which statement allows the button named click to react to a mouse click?	2	N	U	2	click.addActionListener(this)
571	Which statement among the following is not true related to Event?	2	N	U	2	A component may or may not have a way to register and deregister listeners
572	which statement is correct? 1)MouseClicked() is defined in MouseMotionListener 2)MouseEntered() is defined in MouseMotionListener 3)MouseMoved() is defined in MouseMotionListener 4)MouseReleased() is defined in MouseListener	2	N	A	2	3,4
573	Which statement is incorrect or missing in the following code import java.awt.*; import java.awt.event.*; import javax.swing.*; public class radio extends JApplet implements _____ { public void init() { c.setLayout(new FlowLayout()); JRadioButton b1=new JRadioButton("Red"); b1.addActionListener(this); c.add(b1); JRadioButton b2=new JRadioButton("Green"); b2.addActionListener(this); c.add(b2); JRadioButton b3=new JRadioButton("Blue"); b3.addActionListener(this); c.add(b3); ButtonGroup bg=_____ ; bg.add(b1); bg.add(b2); bg.add(b3); } public void actionPerformed(ActionEvent e){ setBackground(e.getActionCommand()); } }	2	N	A	2	Both A and B
574	Which statement is missing in following code : import java.awt.*; import javax.swing.*; import java.applet.*; import java.awt.event.*; /* <applet code="Square" width=300 height=300> </applet> */ public class Square extends Applet implements ActionListener { Button b1; Label l1,l2; TextField t1,t2; public void init() { l1=new Label("Enter the number"); l2=new Label("Square of number"); t1=new TextField(); t2=new TextField(); b1=new Button("Square"); setLayout(new GridLayout(3,2)); add(l1); add(t1); add(l2); add(t2); add(b1); } public void actionPerformed(ActionEvent ae) { if(ae.getSource()==b1) { float a=Float.parseFloat(t1.getText()); float c=a*a; t2.setText(Float.toString(c)); } }	2	N	A	2	b1.addActionListener(this);
575	Which statement is true about the code fragment listed below? class MyListener extends MouseAdapter implements MouseListener { public void mouseEntered(MouseEvent mev) { System.out.println("Mouse entered."); } }	2	N	A	2	The code compiles without error and defines a class that could be use a mouse listener.
576	Which Statement with respect to inner class is true A)It is a way of logically grouping classes that are only used in one place: B)It increases encapsulation C) It can lead to more readable and maintainable code:	2	N	U	2	All A , B C are True
577	Which statements are missing in following program /*<applet code=Scrollbar width=300 height=300> </applet>*/ import java.awt.*; import java.awt.event.*; import java.applet.*; public class ScrollRGB extends Applet implements AdjustmentListener { Color bkColor; Scrollbar red=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); Scrollbar green=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); Scrollbar blue=new Scrollbar(Scrollbar.VERTICAL,0,1,0,255); int i,j,k; public void init() { add(red); add(green); green.addAdjustmentListener(this); blue.addAdjustmentListener(this); } public void adjustmentValueChanged(AdjustmentEvent e) { if(e.getSource()==red  e.getSource()==green  e.getSource()==blue) { i=red.getValue(); j=green.getValue(); k=blue.getValue(); } repaint(); } public void paint(Graphics g) { bkColor=new Color(i,j,k); setBackground(bkColor); } }	2	N	A	2	add(blue); red.addAdjustmentListener(this);
578	Which statements should we add inorder to following code to handle events for MenuItems import java.awt.*; import java.awt.event.*; public class MenuDemo extends Frame implements _____ { Label l; MenuDemo() { MenuBar mbr = new MenuBar(); setMenuBar(mbr); Menu filemenu = new Menu("File"); mbr.add(filemenu); MenuItem new1 = new MenuItem("New"); filemenu.add(new1); new1._____ l=new Label(); add(l); } public static void main(String args[]) { MenuDemo m = new MenuDemo(); m.setSize(200,200); m.setLocation(10,10); m.setVisible(true); } public void _____ { l.setText("New Clicked"); } }	2	N	A	2	ActionListener, addActionListener(this), actionPerformed(ActionEvent
	Which swing control is used for following output? Figure:-					

579		2	Y1	U	2	JButton,JScrollPane
580	<p>Which type of the following program : import java.awt.event.ActionEvent; import java.awt.event.ActionListener; import javax.swing.*; public class OuterClass extends JFrame { public static void main(String[] args) { OuterClass outer = new OuterClass(); JButton button = new JButton("Don't click me!"); button.addActionListener(new ActionListener () { public void actionPerformed(ActionEvent event) { System.out.println("Ouch !"); } }); outer.add(button); outer.pack(); outer.setVisible(true); } }</p>	2	N	U	2	Anonymous Inner class
581	<p>Which values are defined in InputEvent class to represent modifiers?</p>	2	N	U	2	All the above
582	<p>Which will be the correct code for the following output Figure:-</p> 	2	Y1	A	2	<pre>import java.awt.*; import java.awt.event.*; import java.applet.*; public class EventDemo extends Applet implements MouseListener {     public void init() { addMouseListener(this); }     public void mouseClicked(MouseEvent me) { showStatus("&amp;q</pre>
583	<p>Which will be the layout of the output window Figure:-</p> 	2	Y1	A	2	GridBagLayout
584	<p>Window is type of</p>	2	N	U	2	All of this
	<p>Write the missing statement import java.applet.Applet; import java.awt.Checkbox; import java.awt.Graphics; import java.awt.event.ItemEvent; ----- /* &lt;applet code="HandleCheckboxEvent" width=200 height=200&gt; &lt;/applet&gt; */ public class HandleCheckboxEvent extends Applet implements ItemListener{ Checkbox java = null; Checkbox vb = null; Checkbox c = null; public void init(){ java = new Checkbox("Java"); vb = new</p>					

585	<pre>Checkbox("Visual Basic"); c = new Checkbox("C"); add(java); add(vb); add(c); java.addItemListener(this); vb.addItemListener(this); c.addItemListener(this); } public void paint(Graphics g){ g.drawString("Java: " + java.getState(),10,80); g.drawString("VB: " + vb.getState(), 10, 100); g.drawString("C: " + c.getState(), 10, 120); } public void itemStateChanged(ItemEvent ie) { repaint(); } }</pre> <p>Figure:-</p> 	2	Y1	A	2	import java.awt.event.ItemListener;
586	You have created a simple Frame and overridden the paint method as follows public void paint(Graphics g) { g.drawString("Dolly",50,10); } What will be the result when you attempt to compile and run the program?	2	N	A	2	The lower part of the word Dolly will be seen at the top of the form, v the top hidden
587	_____is used to obtained the object that generate Window event	2	N	A	2	getWindow()
588	_____ method can be used to know the degree of adjustment made by user with ScrollBar?	2	N	U	2	getValue()
589	_____method can be used to change location of event	2	N	A	2	TranslatePoint()
590	.....method can be used to obtain reference to the container that generate ContainerEvent.	2	N	A	2	getContainerEvent()





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Q No	Question	To pic	Fig ure	Q Type	Mar ks	Answer	Edit	Dele
1	Calling ServerSocket() constructor with port value 'zero' means_____.	3	N	U	1	use a port number that is automatically allocated.	<a href="#">Edit</a>	<a href="#">Dele</a>
2	TCP/IP reserves the _____ ports for specific protocols	3	N	R	1	lower 1024	<a href="#">Edit</a>	<a href="#">Dele</a>
3	Which of these package contains classes and interfaces for networking?	3	N	R	1	java.net	<a href="#">Edit</a>	<a href="#">Dele</a>
4	A ServerSocket can connect to _____ clients.	3	N	R	1	multiple	<a href="#">Edit</a>	<a href="#">Dele</a>
5	A set of rules that governs data communication.	3	N	R	1	protocol	<a href="#">Edit</a>	<a href="#">Dele</a>
6	A socket identifies _____ in network.	3	N	R	1	a communication end point	<a href="#">Edit</a>	<a href="#">Dele</a>
7	A socket is combination of	3	N	R	1	Both A and B	<a href="#">Edit</a>	<a href="#">Dele</a>
8	A socket is _____ of a two-way communication link between two programs running on two hosts in the network.	3	N	R	1	one end-point	<a href="#">Edit</a>	<a href="#">Dele</a>
9	Access control does not deals with	3	N	R	1	Authentication	<a href="#">Edit</a>	<a href="#">Dele</a>
10	A _____ is responsible for determining whether code executing in the Java runtime environment has permission to perform a security-sensitive operation.	3	N	R	1	policy object	<a href="#">Edit</a>	<a href="#">Dele</a>
11	byte[] getData() method of DatagramPacket class returns_____	3	N	R	1	Byte array of data contained in datagram	<a href="#">Edit</a>	<a href="#">Dele</a>
12	Class URL represents _____, a pointer to a "resource" on the World Wide Web	3	N	R	1	Uniform Resource Locator	<a href="#">Edit</a>	<a href="#">Dele</a>
13	Communication using TCP protocol is _____ and _____	3	N	R	1	connection-oriented, concurrent	<a href="#">Edit</a>	<a href="#">Dele</a>
14	Connection oriented communication is possible using _____ classes of Java.	3	N	R	1	Socket and ServerSocket	<a href="#">Edit</a>	<a href="#">Dele</a>
15	How many bits are in a single IPv4 address?	3	N	R	1	32	<a href="#">Edit</a>	<a href="#">Dele</a>
16	How many bytes are required to represent an IPv4 address?	3	N	R	1	4	<a href="#">Edit</a>	<a href="#">Dele</a>
17	In InetAddress class which method returns the host name of the IP Address?	3	N	R	1	public String getHostName()	<a href="#">Edit</a>	<a href="#">Dele</a>
18	In the format for defining the URL what is the last part?	3	N	R	1	File path	<a href="#">Edit</a>	<a href="#">Dele</a>

19	In the URL, http://www.osborne.com:80/index.htm, 80 represents	3	N	R	1	Port number	<a href="#">Edit</a>	<a href="#">Dele</a>
20	In UDP send() and receive() methods belong to which class?	3	N	R	1	DatagramSocket	<a href="#">Edit</a>	<a href="#">Dele</a>
21	In which class the constructors are not visible	3	N	R	1	InetAddress class	<a href="#">Edit</a>	<a href="#">Dele</a>
22	InetAddress class encapsulates _____	3	N	R	1	Both A and B	<a href="#">Edit</a>	<a href="#">Dele</a>
23	IP Stands for _____	3	N	R	1	Internet Protocol	<a href="#">Edit</a>	<a href="#">Dele</a>
24	Java.net package include following classes.	3	N	R	1	URLConnection, Socket, InetAddress	<a href="#">Edit</a>	<a href="#">Dele</a>
25	Name the class which is used to create a port where the server will listen?	3	N	R	1	ServerSocket	<a href="#">Edit</a>	<a href="#">Dele</a>
26	Permission class of java.security package is _____ class	3	N	R	1	abstract	<a href="#">Edit</a>	<a href="#">Dele</a>
27	Permission class belongs to which package?	3	N	R	1	java.security	<a href="#">Edit</a>	<a href="#">Dele</a>
28	Port Number for FTP is	3	N	R	1	21	<a href="#">Edit</a>	<a href="#">Dele</a>
29	Port number of Email is _____.	3	N	R	1	25	<a href="#">Edit</a>	<a href="#">Dele</a>
30	Pretty Good Privacy (PGP) is used in security of	3	N	R	1	Email	<a href="#">Edit</a>	<a href="#">Dele</a>
31	Reserved port no of HTTP	3	N	R	1	80	<a href="#">Edit</a>	<a href="#">Dele</a>
32	Resolver in DNS system maps	3	N	R	1	Domain name to ip address	<a href="#">Edit</a>	<a href="#">Dele</a>
33	Select the proper constructor of ServerSocket class	3	N	R	1	All of above	<a href="#">Edit</a>	<a href="#">Dele</a>
34	Select the proper constructor of URL class	3	N	R	1	All of the above	<a href="#">Edit</a>	<a href="#">Dele</a>
35	TCP is Which Type of Protocol ?	3	N	R	1	Connection oriented protocol	<a href="#">Edit</a>	<a href="#">Dele</a>
36	TCP is _____ oriented protocol	3	N	R	1	stream	<a href="#">Edit</a>	<a href="#">Dele</a>
37	TCP Stands for _____	3	N	R	1	Transmission Control Protocol	<a href="#">Edit</a>	<a href="#">Dele</a>
38	TCP/IP sockets are used to impleement _____ connections.	3	N	R	1	All of the above	<a href="#">Edit</a>	<a href="#">Dele</a>
39	The class which encapsulates both the numerical IP address and the domain name for that address.	3	N	R	1	InetAddress	<a href="#">Edit</a>	<a href="#">Dele</a>
40	The constructor which is used in ServerSocket may be _____.	3	N	R	1	ServerSocket (int port).	<a href="#">Edit</a>	<a href="#">Dele</a>
41	The constructor which is used to create client socket is _____.	3	N	R	1	Socket(InetAddress IPAddress, int port).	<a href="#">Edit</a>	<a href="#">Dele</a>
42	The factory method for retrieving objects of InetAddress is _____.	3	N	R	1	All of the mentioned	<a href="#">Edit</a>	<a href="#">Dele</a>
43	The factory method which returns an array of InetAddresses that represent all of the addresses that a particular host name resolves to.	3	N	R	1	getAllByName( )	<a href="#">Edit</a>	<a href="#">Dele</a>
44	The java.net.InetAddress class provides methods to get the _____	3	N	R	1	IP of any host name	<a href="#">Edit</a>	<a href="#">Dele</a>
45	The method int getPort( ) of Socket class returns _____	3	N	R	1	remote port to which this Socket object is connected.	<a href="#">Edit</a>	<a href="#">Dele</a>
46	The number 80 in following URL specifies?	3	N	R	1	Port number	<a href="#">Edit</a>	<a href="#">Dele</a>

	http://www.rediff.com:80/index.htm/							
47	The openConnection() is the method of which Class?	3	N	R	1	URLConnection	<a href="#">Edit</a>	<a href="#">Dele</a>
48	The openConnection() method of URL class return _____ Object.	3	N	R	1	URLConnection	<a href="#">Edit</a>	<a href="#">Dele</a>
49	The return type of getHostAddress() method is _____	3	N	R	1	string	<a href="#">Edit</a>	<a href="#">Dele</a>
50	The server listens for a connection request from a client using the following statement:	3	N	R	1	Socket s = ServerSocket.accept()	<a href="#">Edit</a>	<a href="#">Dele</a>
51	The valid sequence for URL format is _____	3	N	R	1	protocol, Hostname, portnumber, filepath	<a href="#">Edit</a>	<a href="#">Dele</a>
52	The _____method in the InetAddress class returns the IP address.	3	N	R	1	getHostAddress()	<a href="#">Edit</a>	<a href="#">Dele</a>
53	The _____class is used to create TCP server.	3	N	R	1	ServerSocket	<a href="#">Edit</a>	<a href="#">Dele</a>
54	To create an InputStream on a Socket s, you use _____.	3	N	R	1	InputStream in = s.getInputStream();	<a href="#">Edit</a>	<a href="#">Dele</a>
55	To obtain an ObjectOutputStream from a socket,use _____	3	N	R	1	new ObjectOutputStream(socket.getOutputStream())	<a href="#">Edit</a>	<a href="#">Dele</a>
56	To return an instance of InetAddress class you have to use	3	N	R	1	Factory Methods of InetAddress class	<a href="#">Edit</a>	<a href="#">Dele</a>
57	To return the currently intalled policy object _____method is used.	3	N	R	1	public static Policy getPolicy()	<a href="#">Edit</a>	<a href="#">Dele</a>
58	UDP is not _____oriented protocol.	3	N	R	1	Connection	<a href="#">Edit</a>	<a href="#">Dele</a>
59	UDP Packets are known as _____	3	N	R	1	Datagram	<a href="#">Edit</a>	<a href="#">Dele</a>
60	UDP Protocol uses following classes for communication	3	N	R	1	DatagramPacket and DatagramSocket	<a href="#">Edit</a>	<a href="#">Dele</a>
61	UDP Stands for _____	3	N	R	1	User Datagram Protocol	<a href="#">Edit</a>	<a href="#">Dele</a>
62	URL class has several constructors; each can throw a _____.	3	N	R	1	MalformedURLException	<a href="#">Edit</a>	<a href="#">Dele</a>
63	What does the openConnection() method of java.net.* return?	3	N	R	1	Object of URLConnection class	<a href="#">Edit</a>	<a href="#">Dele</a>
64	What does URL stands for?	3	N	R	1	Uniform Resource Locator	<a href="#">Edit</a>	<a href="#">Dele</a>
65	What is return type of getAddress() method of InetAddress class?	3	N	R	1	byte[]	<a href="#">Edit</a>	<a href="#">Dele</a>
66	What is Second part of URL address	3	N	R	1	Hostname	<a href="#">Edit</a>	<a href="#">Dele</a>
67	What is Socket?	3	N	R	1	All of these	<a href="#">Edit</a>	<a href="#">Dele</a>
68	What is the first part of URL address?	3	N	R	1	Protocol	<a href="#">Edit</a>	<a href="#">Dele</a>
69	What is the optional part of URL Address	3	N	R	1	Port Number	<a href="#">Edit</a>	<a href="#">Dele</a>
70	What is the return type of the method getAllByName( ) of InetAddress class?	3	N	R	1	InetAddress[ ]	<a href="#">Edit</a>	<a href="#">Dele</a>
71	What will be displayed in the output? import java.net.*; class myAddress { public static void main (String args[]) { try { InetAddress address = InetAddress.getLocalHost(); System.out.println(address); } catch (UnknownHostException e) { System.out.println("Could not find	3	N	R	1	The internet address of the host	<a href="#">Edit</a>	<a href="#">Dele</a>

	this computer's address."); } } }							
72	When a socket object is created _____	3	N	R	1	It implicitly establishes a connection between the client & server	<a href="#">Edit</a>	<a href="#">Delete</a>
73	When a URL object is created _____	3	N	R	1	a connection is automatically established with that URL	<a href="#">Edit</a>	<a href="#">Delete</a>
74	Which class defines following methods. 1. int getContent Length() 2. long getDate() 3. long getExpiration()	3	N	R	1	URLConnection	<a href="#">Edit</a>	<a href="#">Delete</a>
75	Which class is used to access actual bits or content information of a URL?	3	N	R	1	URLConnection	<a href="#">Edit</a>	<a href="#">Delete</a>
76	Which class is used to create client in TCP/IP?	3	N	R	1	Socket	<a href="#">Edit</a>	<a href="#">Delete</a>
77	Which class is used to designed to be a "listener" which waits for client to connect before doing anything.	3	N	R	1	ServerSocket	<a href="#">Edit</a>	<a href="#">Delete</a>
78	Which class is used to implement datagrams with UDP protocol.	3	N	R	1	DatagramSocket	<a href="#">Edit</a>	<a href="#">Delete</a>
79	Which class of java.net package can be used to find the host name and IP address of the client.	3	N	R	1	The InetAddress class	<a href="#">Edit</a>	<a href="#">Delete</a>
80	Which classes are used for connection-oriented socket programming	3	N	R	1	Both A and B	<a href="#">Edit</a>	<a href="#">Delete</a>
81	Which constructor of DatagramSocket class is used to create a datagram socket and bind it with the given port number?	3	N	R	1	DatagramSocket(int port)	<a href="#">Edit</a>	<a href="#">Delete</a>
82	Which datagram method returns the byte array of data contained in the datagram?	3	N	R	1	byte[] getData()	<a href="#">Edit</a>	<a href="#">Delete</a>
83	Which exception indicate that the IP address of a host could not be determined	3	N	R	1	UnknownHostException	<a href="#">Edit</a>	<a href="#">Delete</a>
84	Which is connection less protocol	3	N	R	1	UDP	<a href="#">Edit</a>	<a href="#">Delete</a>
85	Which is not a method of URL Connection?	3	N	R	1	Date getLastModified( )	<a href="#">Edit</a>	<a href="#">Delete</a>
86	Which is not valid method of URL class?	3	N	R	1	getUrl()	<a href="#">Edit</a>	<a href="#">Delete</a>
87	Which is the correct syntax from given?	3	N	R	1	byte[] getAddress()	<a href="#">Edit</a>	<a href="#">Delete</a>
88	Which is the reliable protocol of networking ?	3	N	R	1	TCP	<a href="#">Edit</a>	<a href="#">Delete</a>
89	Which method is used to know the full URL of an URL object?	3	N	R	1	toExternalForm()	<a href="#">Edit</a>	<a href="#">Delete</a>
90	Which method is used to retrieve the host name associated with URL	3	N	R	1	getHost()	<a href="#">Edit</a>	<a href="#">Delete</a>
91	Which method is used to return the IPAddress of local machine	3	N	R	1	static InetAddress getLocalHost( )	<a href="#">Edit</a>	<a href="#">Delete</a>
92	Which method of ServerSocket will wait for a client to initiate communications and then communicate with the client	3	N	R	1	accept()	<a href="#">Edit</a>	<a href="#">Delete</a>
93	Which method of URL class is used to create object of URLConnection?	3	N	R	1	openConnection	<a href="#">Edit</a>	<a href="#">Delete</a>
94	Which of the following are Factory Methods of InetAddress class	3	N	R	1	All the Above	<a href="#">Edit</a>	<a href="#">Delete</a>
95	Which of the following class defines accept() method?	3	N	R	1	ServerSocket	<a href="#">Edit</a>	<a href="#">Delete</a>
96	Which of the following constructor of InetAddress is generally used?	3	N	R	1	InetAddress class does not contain any visible constructor.	<a href="#">Edit</a>	<a href="#">Delete</a>

97	Which of the following is a connection oriented protocol?	3	N	R	1	TCP	<a href="#">Edit</a>	<a href="#">Dele</a>
98	Which of the following is mediator between real web server and client application	3	N	R	1	Proxy	<a href="#">Edit</a>	<a href="#">Dele</a>
99	Which of the following is not a constructor of DatagramSocket	3	N	R	1	DatagramSocket(InetAddress address)	<a href="#">Edit</a>	<a href="#">Dele</a>
100	Which of the following is not a Factory method of an InetAddress Class?	3	N	R	1	Sting getHostAddress()	<a href="#">Edit</a>	<a href="#">Dele</a>
101	Which of the following is not true about TCP Socket?	3	N	R	1	Socket is not used to create connection between client and server	<a href="#">Edit</a>	<a href="#">Dele</a>
102	Which of the following is true about UDP?	3	N	R	1	No retransmission of lost packets.	<a href="#">Edit</a>	<a href="#">Dele</a>
103	Which of the following is true for TCP ?	3	N	R	1	TCP is realiable and connection oriented	<a href="#">Edit</a>	<a href="#">Dele</a>
104	Which of the following is true for UDP ?	3	N	R	1	UDP is unreliable and connection less	<a href="#">Edit</a>	<a href="#">Dele</a>
105	Which of the following method is used to obtain remote port to which Socket object is connected.	3	N	R	1	getPort()	<a href="#">Edit</a>	<a href="#">Dele</a>
106	Which of the following methods of InetAddress class returns the IP Address?	3	N	R	1	getHostAddress()	<a href="#">Edit</a>	<a href="#">Dele</a>
107	Which of the ServerSocket method listen client request for connection?	3	N	R	1	accept()	<a href="#">Edit</a>	<a href="#">Dele</a>
108	Which of these class is necessary to implement datagrams?	3	N	R	1	Both of these	<a href="#">Edit</a>	<a href="#">Dele</a>
109	Which of these class is used to create servers that listen for either local or remote client programs?	3	N	R	1	ServerSockets	<a href="#">Edit</a>	<a href="#">Dele</a>
110	Which of these class is used to encapsulate IP address and DNS?	3	N	R	1	InetAddress	<a href="#">Edit</a>	<a href="#">Dele</a>
111	which of these class must be used to send a datagram packets over a connection?	3	N	R	1	All of the mentioned	<a href="#">Edit</a>	<a href="#">Dele</a>
112	Which of these is a bundle of information passed between machines?	3	N	R	1	Datagram	<a href="#">Edit</a>	<a href="#">Dele</a>
113	Which of these is a factory methods	3	N	R	1	getLocalHost()	<a href="#">Edit</a>	<a href="#">Dele</a>
114	Which of these is a not a factory method of InetAddress class?	3	N	R	1	static InetAddress getAllName(String hostName)	<a href="#">Edit</a>	<a href="#">Dele</a>
115	Which of these is a protocol for breaking and sending packets to an address across a network?	3	N	R	1	TCP/IP	<a href="#">Edit</a>	<a href="#">Dele</a>
116	Which of these is a return type of getAddress method of DatagramPacket class?	3	N	R	1	InetAddress	<a href="#">Edit</a>	<a href="#">Dele</a>
117	Which of these is a return type of getData() method of DatagramPacket class	3	N	R	1	byte	<a href="#">Edit</a>	<a href="#">Dele</a>
118	Which of these method does not belongs to DatagramPacket class	3	N	R	1	getAddress()	<a href="#">Edit</a>	<a href="#">Dele</a>
119	which of these method of DatagramPacket is used to find the length of byte Array	3	N	R	1	getLength()	<a href="#">Edit</a>	<a href="#">Dele</a>
120	Which of these method of DatagramPacket is used to find the port number?	3	N	R	1	getPort()	<a href="#">Edit</a>	<a href="#">Dele</a>

121	Which of these method of DatagramPacket is used to obtain the byte array of data contained in a datagram?	3	N	R	1	getData()	<a href="#">Edit</a>	<a href="#">Delete</a>
122	Which of these methods is used to know the full URL of an URL object?	3	N	R	1	toExternalForm()	<a href="#">Edit</a>	<a href="#">Delete</a>
123	Which of these methods is used to know the type of content used in the URL?	3	N	R	1	getContentType()	<a href="#">Edit</a>	<a href="#">Delete</a>
124	Which of these methods is used to know when was the URL last modified?	3	N	R	1	getLastModified()	<a href="#">Edit</a>	<a href="#">Delete</a>
125	Which package is used for handling security related issue?	3	N	R	1	java.security	<a href="#">Edit</a>	<a href="#">Delete</a>
126	Which socket class can send packets unreliably?	3	N	R	1	java.net.DatagramSocket()	<a href="#">Edit</a>	<a href="#">Delete</a>
127	Which type of exception is throw by InetAddress class Factory methods?	3	N	R	1	UnknownHostException	<a href="#">Edit</a>	<a href="#">Delete</a>
128	You can invoke _____ on a Socket object, say socket, to obtain an InetAddress object.	3	N	R	1	socket.getInetAddress();	<a href="#">Edit</a>	<a href="#">Delete</a>
129	You can obtain the server's hostname by invoking _____ on an applet.	3	N	R	1	getCodeBase().getHost()	<a href="#">Edit</a>	<a href="#">Delete</a>
130	_____ is networking protocol for hypermedia, collaborative & distributed information system.	3	N	R	1	HTTP	<a href="#">Edit</a>	<a href="#">Delete</a>
131	_____ is a low level routing protocol that breaks data into smaller packets.	3	N	R	1	Internet protocol.	<a href="#">Edit</a>	<a href="#">Delete</a>
132	_____ class is used for accessing the attribute of a remote resource.	3	N	R	1	URLConnection Class	<a href="#">Edit</a>	<a href="#">Delete</a>
133	_____ is a factory method which returns an array of addresses.	3	N	R	1	getAllByName.	<a href="#">Edit</a>	<a href="#">Delete</a>
134	_____ is used to implement reliable, bidirectional, persistent point to point stream based connection.	3	N	R	1	TCP/IP client and server socket.	<a href="#">Edit</a>	<a href="#">Delete</a>
135	_____ method is used to examine the address and port information by the socket.	3	N	R	1	getInetAddress()	<a href="#">Edit</a>	<a href="#">Delete</a>
136	_____ method of URL class is used to obtained file path from given URL.	3	N	R	1	getFile()	<a href="#">Edit</a>	<a href="#">Delete</a>
137	_____ acts as a mediator between a client program and an external servers to filter request , improve performance & share connections.	3	N	R	1	Proxy server	<a href="#">Edit</a>	<a href="#">Delete</a>
138	_____ port number is reserved for Http protocol.	3	N	R	1	80	<a href="#">Edit</a>	<a href="#">Delete</a>
139	_____ protocol supports fast point to point datagram oriented model.	3	N	R	1	UDP	<a href="#">Edit</a>	<a href="#">Delete</a>
140	_____ class is used to access the attributes of a remote host.	3	N	R	1	URLConnection	<a href="#">Edit</a>	<a href="#">Delete</a>
141	_____ is abstract class for representing access to a system resource.	3	N	R	1	Permission	<a href="#">Edit</a>	<a href="#">Delete</a>

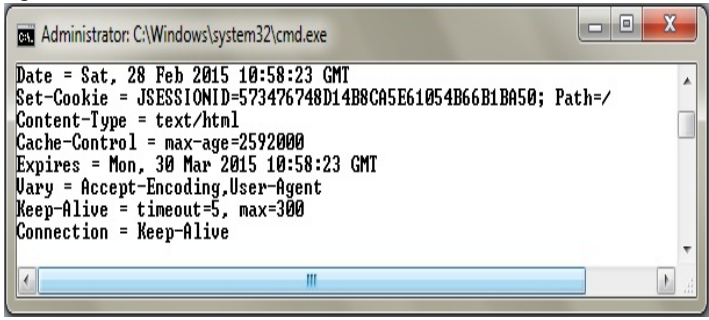
142	_____ method of DatagramSocket class is used to receive DatagramPacket.	3	N	R	1	receive(DatagramPacket packet)	<a href="#">Edit</a>	<a href="#">Delete</a>
143	A _____ is responsible for determining whether code executing in the java runtime environment has permission to perform a security-sensitive operation.	3	N	U	2	Policy Object	<a href="#">Edit</a>	<a href="#">Delete</a>
144	Arrange the following code segment in proper order that represent TCP server a) creating serverSocket object. server=new ServerSocket(4000, 2); System.out.println("Socket open"); b) //receive inputs from client receive=new DataInputStream(client.getInputStream()); String data=null; while(true) { data=receive.readUTF(); System.out.println(data); } c) //accept() method listens for a connection to be made to this socket and accepts it. client=server.accept(); System.out.println("Client connected");	3	N	U	2	a,c,b	<a href="#">Edit</a>	<a href="#">Delete</a>
145	Choose the class name to be used instead of A_Class to get correct output. import java.net.*; class Sample { public static void main(String[] args)throws UnknownHostException { try { A_Class address=A_Class.getByName("google.com"); System.out.println(address); }catch(UnknownHostException e) { System.out.println("Caught : "+e); } } }	3	N	A	2	InetAddress	<a href="#">Edit</a>	<a href="#">Delete</a>
146	Choose the correct output import java.net.*; class myURL2 { public static void main(String args[]) throws MalformedURLException { URL u=new URL("http://www.msbte.com"); System.out.println("Protocol="+u.getProtocol()); System.out.println("Host Name="+u.getHost()); System.out.println("Port Number="+u.getPort()); System.out.println("File Name="+u.getFile()); } }	3	N	A	2	a) Protocol=http Host Name=www.msbte.com Port Number=-1 File Name=	<a href="#">Edit</a>	<a href="#">Delete</a>
147	Choose the correct output import java.net.*; class networking { public static void main(String args[])throws UnknownHostException { InetAddress obj1 =InetAddress.getByName("msbte.com"); InetAddress obj2 =InetAddress.getByName("msbte.com"); boolean x = obj1.equals(obj2); System.out.print(x); } }	3	N	A	2	true	<a href="#">Edit</a>	<a href="#">Delete</a>
148	Consider the following programe what will happen after execution. import java.net.*; class sample { public static void main(String[] args) throws Exception { URL obj = new URL("http://www.msbte.com"); URLConnection obj1 = obj.openConnection(); int len = obj1.getContentLength(); System.out.print(len); } }	3	N	A	2	84	<a href="#">Edit</a>	<a href="#">Delete</a>
149	Find Error in following program. import java.awt.*; class URLEDemo { public static void main(String args[]) throws urlexception { URL hp = new URL("http://www.Abc.com/downloads"); System.out.println("Protocol: " + hp.getProtocol()); System.out.println("Port: " + hp.getPort()); System.out.println("Host: " + hp.getHost()); } }	3	N	A	2	both a and b	<a href="#">Edit</a>	<a href="#">Delete</a>
	For the following client side code of TCP implementation of sockets, what should be the server side code in order to establish connection between both the machines? import java.io.IOException; import					import java.io.IOException; import java.net.*; public class Server { public static void main(String[] args) throws IOException {		

150	java.net.*; public class Client { public static void main(String[] args) throws UnknownHostException, IOException { Socket sock=new Socket("127.0.0.1",2000); } }	3	N	A	2	ServerSocket ss=new ServerSocket(2000); Socket sock=ss.accept(); System.out.println("&quot;Connection Established&quot;); } }	<a href="#">Edit</a>	<a href="#">Dele</a>
151	From given list which address is called as loopback address ?	3	N	U	2	127.0.0.0	<a href="#">Edit</a>	<a href="#">Dele</a>
152	getByname() method returns	3	N	U	2	host name	<a href="#">Edit</a>	<a href="#">Dele</a>
153	getLocalHost() method is present in which package	3	N	U	2	java.net	<a href="#">Edit</a>	<a href="#">Dele</a>
154	getPort() method of socket class return	3	N	A	2	Returns the port number on which the socket is connected	<a href="#">Edit</a>	<a href="#">Dele</a>
155	Give line numbers containing errors in following program: import java.Net.*; import java.io.*; import java.util.*; public class HeaderViewer {public static void main(String args[]) {try {URL u = new URL("http://www.rediffmail.com/index.html"); URLconnection uc = u.openConnection( ); System.out.println("Content-type: " +uc.getType( )); System.out.println("Content-encoding: " + uC.getEncoding( )); System.out.println("Date: " + new Date(uc.getDate( )); System.out.println("Last modified: " + new Date(uc.getLastModified( )); System.out.println("Expiration date: " + new Date(uc.getExpiration( )); System.out.println("Content-length: " +uC.getLength( )); } catch (MalformedURLException ex) {System.out.println("I can't understand this URL..."); } } }	3	N	A	2	Line No.: 1,7,8,10,12,14,16	<a href="#">Edit</a>	<a href="#">Dele</a>
156	Given Statement may throws which exception? InetAddress address =InetAddress.getByName("www.xyz.com");	3	N	U	2	UnknownHostException	<a href="#">Edit</a>	<a href="#">Dele</a>
157	Given the following lines from a Java program segment: byte[] dataOut = new byte [512]; String userInput = "Java Programming"; dataOut = userInput.getBytes(); Which of the following lines of code could be used to create a new UDP datagram packet to send the data that was provided by the user to a host identified by the InetAddress object IPAddress?	3	N	A	2	DatagramPacket packet = new DatagramPacket(dataOut, userInput.length, InetAddress, 9876)	<a href="#">Edit</a>	<a href="#">Dele</a>
158	Http is which type of Protocol	3	N	U	2	Stateless	<a href="#">Edit</a>	<a href="#">Dele</a>
159	Identify the valid method of URL class.	3	N	U	2	All of the mentioned	<a href="#">Edit</a>	<a href="#">Dele</a>
160	Identify the valid ServerSocket constructor.	3	N	U	2	public ServerSocket(int portno)	<a href="#">Edit</a>	<a href="#">Dele</a>
161	If port number is not specified in the URL, getPort() method returns _____	3	N	U	2	-1	<a href="#">Edit</a>	<a href="#">Dele</a>
162	If we create the datagram packet wit following constructor: DatagramPacket(byte data[],int offset, int size, InetAddress ipaddress, int port) What "size" parameter specifies?	3	N	U	2	size of the packet	<a href="#">Edit</a>	<a href="#">Dele</a>
163	If you use either Telnet or FTP, which is the highest layer you are using to transmit data?	3	N	U	2	Application	<a href="#">Edit</a>	<a href="#">Dele</a>
164	import java.net.*; public class URLEdemo{ public static void main(String args[])throws MalformedURLException{ URL hp = new URL("http://www.javajazzup.com"); System.out.println("Protocal:" + hp.getProtocol()); System.out.println("Port:" + hp.getPort()); System.out.println("Host:" + hp.getHost()); System.out.println("File:" +	3	N	U	2	Protocal:http Port:-1 Host:www.javajazzup.com File: Ext:http://www.javajazzup.com	<a href="#">Edit</a>	<a href="#">Dele</a>



	hp.getFile()); System.out.println("Ext:" + hp.toExternalForm()); } } What will be the output of above code?							
165	import java.io.*; import java.net.*; class exp7_1 { public static void main(String args[]) throws MalformedURLException { URL a=new URL("http://www.msbte.com:/index.html"); System.out.println("port :"+a.getPort()); } }	3	N	A	2	-1		<a href="#">Edit</a> <a href="#">Delete</a>
166	import java.io.*; import java.net.*; class PwdClient { public static void main(String args []) { try { Socket so =new Socket("localhost",3642); DataInputStream d =new DataInputStream(System.in); System.out.println("Enter a Password"); String passwd =d.readLine(); PrintStream p = new PrintStream(so.getOutputStream()); p.println(passwd); DataInputStream d1 =new DataInputStream(so.getInputStream()); String r =d1.readLine(); System.out.println(r); so.close(); } catch( Exception e) { System.out.println("Msg from client: "+e); } } }	3	N	U	2	client side		<a href="#">Edit</a> <a href="#">Delete</a>
167	import java.net.*; class networking { public static void main(String[] args) throws MalformedURLException { URL obj = new URL("http://www.sanfoundry.com/javamcq"); System.out.print(obj.toExternalForm()); } }	3	N	U	2	http://www.sanfoundry.com/javamcq		<a href="#">Edit</a> <a href="#">Delete</a>
168	import java.net.*; class networking { public static void main(String[] args) throws Exception { URL obj = new URL("http://www.sanfoundry.com/javamcq"); URLConnection obj1 = obj.openConnection(); System.out.print(obj1.getContentType()); } } Note: Host URL is written in html and simple text.	3	N	U	2	text/html		<a href="#">Edit</a> <a href="#">Delete</a>
169	import java.net.*; class networking1 { public static void main(String[] args) throws UnknownHostException { InetAddress obj1 = InetAddress.getByName("www.google.com"); InetAddress obj2 = InetAddress.getByName("www.google.com"); boolean x = obj1.equals(obj2); System.out.print(x); } }	3	N	A	2	true		<a href="#">Edit</a> <a href="#">Delete</a>
170	import java.net.*; class myAddress { public static void main (String args[]) { try { InetAddress address = InetAddress.getLocalHost(); System.out.println(address); } catch (UnknownHostException e) { System.out.println("Could not find this computer's address."); } } }	3	N	U	2	The internet address of the host		<a href="#">Edit</a> <a href="#">Delete</a>
171	In following java program fill statement showing *****. Select any one option from given options. import java.net.*; public class InetDemo { public static void main(String[] args) { try { InetAddress ip=InetAddress.***** System.out.println("Host Name: "+ip.getHostName()); System.out.println("IP Address: "+ip.getHostAddress()); } catch(Exception e) { System.out.println(e); } } }	3	N	A	2	getByName("&quot;www.msbte.com&quot;);		<a href="#">Edit</a> <a href="#">Delete</a>
172	In how many ways we can create URL A)URL url = new URL("http://hostname:80/index.html"); B)URL url = new URL("http", "hostname", 80, "index.html");	3	N	U	2	A & B both		<a href="#">Edit</a> <a href="#">Delete</a>
173	In InetAddress class which method it returns the host name of the IP Address?	3	N	U	2	public static InetAddress getLocalHost()		<a href="#">Edit</a> <a href="#">Delete</a>

174	In order to receive message from client which thing is missing in given server side program in TCP connectivity: <pre>import java.net.*; import java.io.*; class server { public static void main(String args[]) throws Exception { ServerSocket s1 = new ServerSocket(2); InputStream i = s.getInputStream(); DataInputStream di = new DataInputStream(i); DataInputStream d = new DataInputStream(System.in); String str = di.readUTF(); System.out.println(str); } }</pre>	3	N	A	2	OutputStream class	<a href="#">Edit</a>	<a href="#">Dele</a>
175	In the following code, what type of protocol is Socket object "skt" uses? <pre>import java.io.*; import java.net.*; public class NetClient { public static void main(String args[]) throws Exception { Socket skt = new Socket("host",88); } }</pre>	3	N	U	2	TCP	<a href="#">Edit</a>	<a href="#">Dele</a>
176	In the following program choose the correct strings from given options to pass in URL constructor to get an output without any exception. <pre>import java.net.*; class URLEDemo { public static void main(String args[]) throws MalformedURLException { URL hp = new URL("_____"); System.out.println("Protocol: " + hp.getProtocol()); System.out.println("Port: " + hp.getPort()); System.out.println("Host: " + hp.getHost()); System.out.println("File: " + hp.getFile()); } }</pre> A. http://www.msbt.com/mainsite/index.php B. http://www.msbt.com:80/mainsite/index.php C. www.msbt.com/ D. www.msbt.com/mainsite/index.php	3	N	A	2	All	<a href="#">Edit</a>	<a href="#">Dele</a>
177	In this construtor ServerSocket(int port, int maxQueue) what is the default value for maxQueue?	3	N	U	2	50	<a href="#">Edit</a>	<a href="#">Dele</a>
178	InetAddress is used to encapsulate	3	N	U	2	both a and b	<a href="#">Edit</a>	<a href="#">Dele</a>
179	InputStream class is used in TCP Client-server program to	3	N	U	2	Send/receive message from client to server	<a href="#">Edit</a>	<a href="#">Dele</a>
180	IPv6 uses -----	3	N	U	2	Eight groups of four hexadecimal digits each	<a href="#">Edit</a>	<a href="#">Dele</a>
181	Java.net package consist of interface_____	3	N	U	2	All of above	<a href="#">Edit</a>	<a href="#">Dele</a>
182	Match the following a) Datagram Socket i) UDP connection b) URL ii) provides necessary framework of debugging java programs c) java.net iii) makes it possible to communicate over a network with java programs d) sun.tools.debug iv) is a java object that represent WWW address	3	N	A	2	a-i, b-iv, c-iii, d-ii	<a href="#">Edit</a>	<a href="#">Dele</a>
183	Name the components of the URL in order of their appearance	3	N	U	2	Protocol,Hostname,Port Number, File Name	<a href="#">Edit</a>	<a href="#">Dele</a>
184	openConnection() method returns	3	N	U	2	a) Returns a URLConnection object	<a href="#">Edit</a>	<a href="#">Dele</a>
185	Permission class is a part of which packets?	3	N	U	2	java.security.Permission	<a href="#">Edit</a>	<a href="#">Dele</a>
186	port number of Telnet is_____	3	N	U	2	23	<a href="#">Edit</a>	<a href="#">Dele</a>
187	returns the socket and establish a connection between server and client.	3	N	U	2	public Socket accept()	<a href="#">Edit</a>	<a href="#">Dele</a>
188	Select correct constructors of DatagramPacket class?	3	N	U	2	DatagramPacket(byte data[],int size) DatagramPacket(byte data[],int offset ,int size)	<a href="#">Edit</a>	<a href="#">Dele</a>
	select correct the code for the display given output							

189	Figure:- 	3	Y1	A	2	import java.io.*; import java.net.*; public class URLConnection { public static void main(String[] args) { try{ URL url=new URL("&quot;http://www.javatpoint.com/java-tutorial&quot;); URLConnection huc=(URLConnection)url.o	<a href="#">Edit</a>	<a href="#">Dele</a>
190	Select pacakge used for handling security related issues in a program	3	N	U	2	java.security	<a href="#">Edit</a>	<a href="#">Dele</a>
191	Select proper method used to create the instance InetAddress class.	3	N	U	2	getLocalHost(),getByName(),getAllByName()	<a href="#">Edit</a>	<a href="#">Dele</a>
192	Select th proper interface of java.net package	3	N	U	2	ContentHandlerFactory	<a href="#">Edit</a>	<a href="#">Dele</a>
193	Select the appropriate method for retrieving address of remote machine	3	N	U	2	public Address getRemotHost( )	<a href="#">Edit</a>	<a href="#">Dele</a>
194	Select the fullform of DNS	3	N	U	2	Domain Name System	<a href="#">Edit</a>	<a href="#">Dele</a>
195	Select the method of DatagramPacket used to find the port number	3	N	U	2	getPort()	<a href="#">Edit</a>	<a href="#">Dele</a>
196	Select the method used to create a URL Connection	3	N	U	2	openConnection	<a href="#">Edit</a>	<a href="#">Dele</a>
197	Select the method which throws UnKnownHostException	3	N	U	2	All of the above	<a href="#">Edit</a>	<a href="#">Dele</a>
198	select the proper class for creating servers that listen for either local or remote client programs	3	N	U	2	ServerSockets	<a href="#">Edit</a>	<a href="#">Dele</a>
199	Select the proper constructor of ServerSocket	3	N	U	2	ServerSocket(int port, int maxQueue)	<a href="#">Edit</a>	<a href="#">Dele</a>
200	Select the proper constructor of the Socket class	3	N	U	2	Socket(String hostName, int port)	<a href="#">Edit</a>	<a href="#">Dele</a>
201	Select the proper constructor of URL class	3	N	U	2	All of above	<a href="#">Edit</a>	<a href="#">Dele</a>
202	Select the proper InetAddress factory method.	3	N	U	2	static InetAddress getLocalHost()	<a href="#">Edit</a>	<a href="#">Dele</a>
203	Select the proper method of URL class to create the object of URLConnection.	3	N	U	2	openConnection()	<a href="#">Edit</a>	<a href="#">Dele</a>
204	Select the proper method to know the type of content used in the URL.	3	N	U	2	getContentType()	<a href="#">Edit</a>	<a href="#">Dele</a>
205	Select the proper method to retrieve the host name & IP address of remote machine having domain name as "www.msbt.com"	3	N	U	2	static InetAddress getByName(String hostName)throws UnknowHostException	<a href="#">Edit</a>	<a href="#">Dele</a>
206	Select the proper method to retrieve the host name and IP Address of local machine	3	N	U	2	static InetAddress getLocalHost( )throws UnknowHostException	<a href="#">Edit</a>	<a href="#">Dele</a>
207	Select the proper method to retrieve the host name of local machine	3	N	U	2	static InetAddress.getLocalHost( )throws UnknowHostException	<a href="#">Edit</a>	<a href="#">Dele</a>
208	select the proper method to retrive the data from DatagramPacket	3	N	U	2	getData()	<a href="#">Edit</a>	<a href="#">Dele</a>
	Select the proper output for following code import java.net.*; class							

209	DemoURL { public static void main(String args[])throws MalformedURLException { URL hp=new URL("http://www.msbt.com/downloads/index.php"); System.out.println("Port: "+hp.getPort()); System.out.println("File: "+hp.getFile()); } }	3	N	A	2	Port: -1 File: /downloads/index.php	<a href="#">Edit</a>	<a href="#">Delete</a>
210	ServerSocket has a method called _____, which is a blocking call that will wait for a client to initiate communications,	3	N	U	2	accept()	<a href="#">Edit</a>	<a href="#">Delete</a>
211	Socket connection = server.accept( ); In the above statement, server is an object of _____ class and accept() method throws _____ exception.	3	N	U	2	ServerSocket, IOException	<a href="#">Edit</a>	<a href="#">Delete</a>
212	TCP and UDPs	3	N	A	2	protocol	<a href="#">Edit</a>	<a href="#">Delete</a>
213	TCP does not supports Multicasting and Broadcasting because:	3	N	U	2	It is connection oriented protocol.	<a href="#">Edit</a>	<a href="#">Delete</a>
214	The URL connection classes are good enough for simple programs that want to connect to _____ server to fetch content.	3	N	U	2	HTTP	<a href="#">Edit</a>	<a href="#">Delete</a>
215	The ----- method in the InetAddress class returns the IP address.	3	N	U	2	getHostAddress()	<a href="#">Edit</a>	<a href="#">Delete</a>
216	The client request a connection to a server using the following statement.	3	N	A	2	Socket s=new Socket(ServerName,port);	<a href="#">Edit</a>	<a href="#">Delete</a>
217	The connection establishment in TCP is called	3	N	U	2	three- way handshaking	<a href="#">Edit</a>	<a href="#">Delete</a>
218	The Constructor of URL can throws an Exception called	3	N	U	2	MalformedURLException	<a href="#">Edit</a>	<a href="#">Delete</a>
219	The following code can be used to produce a permission to read the file named "abc " in the /tmp directory	3	N	U	2	perm=new java.io.FilePermission("&quot;/tmp/abc&quot;,&quot;read&quot;);	<a href="#">Edit</a>	<a href="#">Delete</a>
220	The following program is written for _____ import java.net.*; import java.io.*; public class MyServer { public static void main(String[] args) { ServerSocket s; Socket c; try { InetAddress i=InetAddress.getByName("COMP30"); System.out.println(i); s=new ServerSocket(8088); System.out.println("Server Started.."); c=s.accept(); // PrintStream ps=new PrintStream(c.getOutputStream()); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); // BufferedReader br1 = new BufferedReader(new InputStreamReader(c.getInputStream())); String l=""; boolean flag=true; DataInputStream dis=new DataInputStream(c.getInputStream()); DataOutputStream dos=new DataOutputStream(c.getOutputStream()); while(flag) { dos.writeUTF("Server-> "+br.readLine()); System.out.println("Client-> "+dis.readUTF()); } c.close(); } catch (Exception e) { e.printStackTrace(); } } }	3	N	A	2	TCPIP server	<a href="#">Edit</a>	<a href="#">Delete</a>
221	The following program will display _____ import java.net.*; public class MyNetwork { public static void main(String args[]) throws UnknownHostException { InetAddress ip [] = InetAddress.getAllByName("www.google.com"); for(int i=0;i<ip.length;i++) { System.out.println(ip[i].getHostAddress()); } } }	3	N	A	2	All IP addresses of www.google.com	<a href="#">Edit</a>	<a href="#">Delete</a>

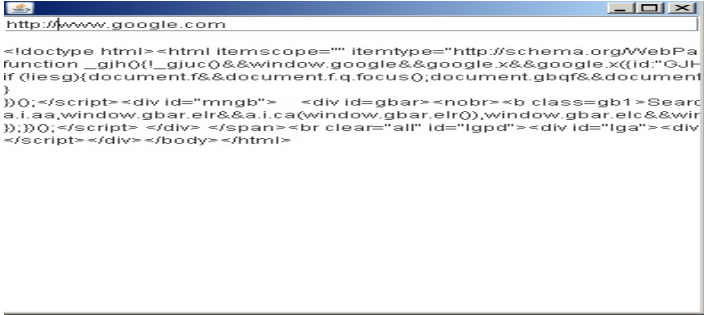
222	The following Server program _____ import java.net.*; import java.io.*; public class Server { public static void main(String args[]) throws IOException { ServerSocket ss = new ServerSocket(2000); while(true) { Socket cs = ss.accept(); PrintWriter pw = new PrintWriter(cs.getOutputStream()); pw.println("welcome"); pw.close(); } } }	3	N	A	2	waits for client request at 2000 port number and sends welcome message to all clients	<a href="#">Edit</a>	<a href="#">Delete</a>
223	The purpose of URL is	3	N	U	2	a and b	<a href="#">Edit</a>	<a href="#">Delete</a>
224	The server listens for a connection request from a client using the following statement:	3	N	U	2	Socket s = serverSocket.accept()	<a href="#">Edit</a>	<a href="#">Delete</a>
225	The Socket class has how many constructors that a client uses to connect to a server:	3	N	A	2	2	<a href="#">Edit</a>	<a href="#">Delete</a>
226	The User Datagram Protocol (UDP) is	3	N	U	2	All of them	<a href="#">Edit</a>	<a href="#">Delete</a>
227	The _____ models an IP address, which can be used to find the host name IP address of the client	3	N	U	2	InetAddress class	<a href="#">Edit</a>	<a href="#">Delete</a>
228	The _____ which contains a set of pre-written networking routines	3	N	U	2	java.net package	<a href="#">Edit</a>	<a href="#">Delete</a>
229	This program is written for _____ side import java.net.*; import java.io.*; public class MyClient { public static void main(String[] args) { Socket c1; try { InetAddress i=InetAddress.getByName("COMP30"); System.out.println(i); c1=new Socket("localhost",8088); System.out.println("Client Started.."); // PrintStream ps=new PrintStream(c.getOutputStream()); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); // BufferedReader br1 = new BufferedReader(new InputStreamReader(c.getInputStream())); String l=""; boolean flag=true; DataInputStream dis=new DataInputStream(c1.getInputStream()); DataOutputStream dos=new DataOutputStream(c1.getOutputStream()); while(flag) { dos.writeUTF("Server-> "+br.readLine()); System.out.println("Client-> "+dis.readUTF()); } c1.close(); } catch (Exception e) { e.printStackTrace(); } } }	3	N	U	2	client	<a href="#">Edit</a>	<a href="#">Delete</a>
230	To Get All addresses by name of a URL - "www.google.com" following command is used	3	N	U	2	InetAddress[] addresses = InetAddress.getAllByName("&quot;www.google.com&quot;);	<a href="#">Edit</a>	<a href="#">Delete</a>
231	To access the URLConnection Class object which of the transfer protocol is used?	3	N	U	2	http	<a href="#">Edit</a>	<a href="#">Delete</a>
232	To connect to a server running on the same machine with client, which of the following can be used for hostname?	3	N	U	2	All of the above	<a href="#">Edit</a>	<a href="#">Delete</a>
233	To create Socket "S" by IP address "127.0.0.1" and port number "12345" Identify the command A) Socket s = new Socket("127.0.0.1", 12345); B) ServerSocket s = new Socket("127.0.0.1", 12345); C) Socket s = new Socket("localhost", 12345);	3	N	U	2	A	<a href="#">Edit</a>	<a href="#">Delete</a>
234	To create a server socket on the specified port with a maximum queue length of maxlength which of the following constructor use?	3	N	U	2	b and c	<a href="#">Edit</a>	<a href="#">Delete</a>

235	to create an InputStream on a socket s, you use _____	3	N	U	2	InputStream in = s.getInputStream();	<a href="#">Edit</a>	<a href="#">Dele</a>
236	to get the following output select the proper code Protocol: http Port: -1 Host: www.msbte.com File: /downloads	3	N	A	2	import java.net.*; class urld { public static void main(String args[]) throws MalformedURLException { URL hp = new URL("&quot;http://www.msbte.com/downloads&quot;); System.out.println("&quot;Protocol: &quot; + hp.getProtocol()); System.out.println("&quot;Port: &quot; +	<a href="#">Edit</a>	<a href="#">Dele</a>
237	To return the currently installed policy object _____ method is used.	3	N	U	2	public static Policy getPolicy()	<a href="#">Edit</a>	<a href="#">Dele</a>
238	URL Connection is class used for_____.	3	N	U	2	Accessing the attributes of a remote resource.	<a href="#">Edit</a>	<a href="#">Dele</a>
239	URL string encompasses four parts in sequence	3	N	U	2	1. Network Protocol 2.Host name or address 3.port number 4.File or resource location	<a href="#">Edit</a>	<a href="#">Dele</a>
240	URLConnection object is retrived using following method?	3	N	U	2	openConnection()	<a href="#">Edit</a>	<a href="#">Dele</a>
241	What correction should be done in the program to get correct output? import java.net.*; import java.io.*; public class URLTest { public static void main(String args[]) throws MalformedURLException { URL url = new URL("http://www.msbte.com/download"); System.out.println("Protocol:" + url1.getProtocol()); System.out.println("Port:" + url1.getPort()); System.out.println("Host:" + url1.getHost()); System.out.println("File:" + url1.getFile()); } }	3	N	A	2	Use of created object not correct	<a href="#">Edit</a>	<a href="#">Dele</a>
242	What correction should be done in the program to get correct output? import java.net.*; import java.io.*; public class URLTest { public static void main(String args[]) throws MalformedURLException { URL url = new URL("http://www.msbte.com/download"); System.out.println("Protocol:" + url1.getProtocol()); System.out.println("Port:" + url1.getPort()); System.out.println("Host:" + url1.getHost()); System.out.println("File:" + url1.getFile()); } }	3	N	A	2	Use of created object not correct	<a href="#">Edit</a>	<a href="#">Dele</a>
243	What correction should be done in the program to get corrected output import java.net.*; import java.io.*; class UrlDemo1 { public static void main(String a[]) throws Exception { URL ur= new URL("http://www.msbte.com/mainsite/"); URLConnection con=ur.openConnection(); System.out.println("Date : "+new Date(con.getDate()); System.out.println("Content type : "+con.getContentType()); System.out.println("Expires : "+con.getExpiration()); System.out.println("Last Modified : "+new Date(con.getLastModified()); int len=con.getContentLength(); System.out.println("content length : "+len); } }	3	N	A	2	Missing package statement	<a href="#">Edit</a>	<a href="#">Dele</a>
244	What correction should be done in the program to get the correct output import java.net.*; import java.io.*; class url8_5 { public static void main(String args[])throws MalformedURLException,IOException { URL u1=new URL("http://localhost:8080/index.htm"); URLConnection u2=u1.openConnection(); String ct=u2.getContentType(); System.out.println("Content type;" +ct); InputStream ip=u2.getInputStream(); int c; while((c=ip.read())!=-1) { System.out.print((char)c); } }	3	N	A	2	}	<a href="#">Edit</a>	<a href="#">Dele</a>

245	What is the proper constructor of serversocket	3	N	U	2	All The Above	<a href="#">Edit</a>	<a href="#">Dele</a>
246	what is use of this method? public ServerSocket(int port) throws IOException	3	N	U	2	Attempts to create a server socket bound to the specified port. An exception occurs if the port is already bound by another application.	<a href="#">Edit</a>	<a href="#">Dele</a>
247	What is 1432 in following program. import java.net.*; import java.io.*; public class SimpleClient { public static void main(String args[]) { try { Socket s1=new Socket("127.0.0.1",1432); InputStream is=s1.getInputStream(); BufferedReader br=new BufferedReader(new InputStreamReader(is)); System.out.println(br.readLine()); br.close(); s1.close(); } catch(Exception e) {} } }	3	N	A	2	port number	<a href="#">Edit</a>	<a href="#">Dele</a>
248	What is correct code for the given problem statement: Develop a program to send a message through client to server and server will send message to client that hello message.	3	N	A	2	both a& b	<a href="#">Edit</a>	<a href="#">Dele</a>
249	What is correct code to get ip address of host machine ?	3	N	A	2	import java.net.*; class InetAddressTest { public static void main(String args[]) throws UnknownHostException { InetAddress Address = InetAddress.getLocalHost(); System.out.println(Address); } }	<a href="#">Edit</a>	<a href="#">Dele</a>
250	What is missing in the following program code? import java.io.*; class Sender { public static void main(String args[]) throws Exception { DatagramSocket ds = new DatagramSocket(2000); String msg="hello"; byte b[]=msg.getBytes(); InetAddress ip=InetAddress.getByName("CLIENT-PC"); int port=3000; DatagramPacket dp=new DatagramPacket(b,b.length,ip,port); System.out.println("message sent..."); } }	3	N	U	2	All of the mentioned	<a href="#">Edit</a>	<a href="#">Dele</a>
251	What is out put of following Program import java.net.*; class networking { public static void main(String[] args) throws Exception { URL obj = new URL("http://www.sanfoundry.com/javamcq"); URLConnection obj1 = obj.openConnection(); System.out.print(obj1.getContentType()); } }	3	N	U	2	text/html	<a href="#">Edit</a>	<a href="#">Dele</a>
252	What is output of following program import java.net.*; public class InetAddressExample { public static void main(String arg[]) { try { InetAddress ad=InetAddress.getByName("LocalHost"); System.out.println("CTE:"+ad); System.out.println("CTE:"+ad.getHostAddress()); System.out.println("CTE:"+ad.getHostName()); } catch(UnknownHostException e) {} } }	3	N	A	2	Gives default IP address and host name as LocalHost	<a href="#">Edit</a>	<a href="#">Dele</a>
253	What is proper method to retrieve the host name of local machine	3	N	U	2	static InetAddress.getLocalHost( )throws UnknownHostException	<a href="#">Edit</a>	<a href="#">Dele</a>
254	What is the default length of the queue in following constructor of Serversocket? ServerSocket(int portno)	3	N	U	2	50	<a href="#">Edit</a>	<a href="#">Dele</a>
255	What is the error in given code? import java.net.*; public class Hostname{ public static void main(String args[]){ try{ InetAddress local= InetAddress.getLocalHost(); System.out.println ("Local hostname is: " + local.getLocalHostName()); } catch (UnknownHostException e){ System.err.println ("Can't detect localhost : " + e); } } }	3	N	A	2	System.out.println (&quot;Local hostname is: &quot; + local.getLocalHostName()); is wrong	<a href="#">Edit</a>	<a href="#">Dele</a>

256	what is the function of method int getPort()?	3	N	U	2	Both a & b	<a href="#">Edit</a>	<a href="#">Dele</a>
257	What is the meaning of following code segment? <code>BufferedReader inFromServer = new BufferedReader(new InputStreamReader(clientSocket.getInputStream()));</code>	3	N	A	2	new inFromServer object containing data from inputstream object of clientSocket	<a href="#">Edit</a>	<a href="#">Dele</a>
258	What is the missing statement in the output of the following code: <pre>import java.net.*; import java.io.*; import java.util.Date; class UCDemo { public static void main(String args[]) throws Exception { int c; URL hp = new URL("http://www.internic.net"); URLConnection hpCon = hp.openConnection(); long d = hpCon.getDate(); if(d==0) System.out.println("No date information."); else System.out.println("Date: " + new Date(d)); System.out.println("Content-Type: " + hpCon.getContentType()); d = hpCon.getExpiration(); if(d==0) System.out.println("No expiration information."); else System.out.println("Expires: " + new Date(d)); d = hpCon.getLastModified(); if(d==0) System.out.println("No last-modified information."); else System.out.println("Last-Modified: " + new Date(d)); int len = hpCon.getContentLength(); if(len == -1) System.out.println("Content length unavailable."); else System.out.println("Content-Length: " + len); }}</pre> Output: Date: Sat Apr 27 12:17:32 CDT 2002 No expiration information. Last-Modified: Tue Mar 19 17:52:42 CST 2002 Content-Length: 5299	3	N	A	2	Content-Type: text/html	<a href="#">Edit</a>	<a href="#">Dele</a>
259	What is the ouput of following code? <code>import java.net.InetAddress; import java.net.UnknownHostException; class Inetadddemo { public static void main(String args[])throws UnknownHostException { InetAddress address=InetAddress.getLocalHost(); System.out.println(address); } }</code>	3	N	A	2	local m/c Address	<a href="#">Edit</a>	<a href="#">Dele</a>
260	what is the out of following code if Host URL was last modified on july 18 tuesday 2013 . <code>import java.net.*; class networking { public static void main(String[] args) throws Exception { URL obj = new URL("http://www.sanfoundry.com/javamcq"); URLConnection obj1 = obj.openConnection(); System.out.print(obj1.getLastModified()); } }</code>	3	N	A	2	Tue Jun 18 2013	<a href="#">Edit</a>	<a href="#">Dele</a>
261	What is the output of this program? Figure:- <pre>1. import java.net.*; 2. class networking { 3.     public static void main(String[] args) throws UnknownHostException 4.         InetAddress obj1 = InetAddress.getByName("cisco.com"); 5.         System.out.print(obj1.getHostName()); 6.     } 7. }</pre>	3	Y1	A	2	cisco.com	<a href="#">Edit</a>	<a href="#">Dele</a>
262	What is the output of this program? <code>import java.net.*; class networking { public static void main(String[] args) throws UnknownHostException { InetAddress obj1 =</code>	3	N	A	2	msbte.com	<a href="#">Edit</a>	<a href="#">Dele</a>



	<pre>InetAddress.getByName("msbte.com"); System.out.print(obj1.getHostName()); } }</pre>							
263	What is the output of this program? <pre>import java. Net.*; class networking { public static void main ( String [] args ) throws MalformedURLException { URL obj = new URL ( "http://www.sanfoundry.com/javamcq"); System.out.print( obj.getProtocol()); } }</pre>	3	N	A	2	http	<a href="#">Edit</a>	<a href="#">Dele</a>
264	What is the purpose of InetAddress class?	3	N	U	2	To retrieve IP address of the specified host machine.	<a href="#">Edit</a>	<a href="#">Dele</a>
265	What is the return type of getAddress() method of DatagramPacket class?	3	N	U	2	InetAddress	<a href="#">Edit</a>	<a href="#">Dele</a>
266	What is the use of bind() method	3	N	U	2	bind a socket to a local IP address and port	<a href="#">Edit</a>	<a href="#">Dele</a>
267	What is the use of writeUTF( ) method?	3	N	U	2	This method writes a string into underlying output stream	<a href="#">Edit</a>	<a href="#">Dele</a>
268	What method is used to establish a port where a server waits for requests?	3	N	U	2	ServerSocket()	<a href="#">Edit</a>	<a href="#">Dele</a>
269	<p>What statement is needed to get the output as shown in fig. in bellow program <pre>import java.net.*; import java.io.*; import java.awt.event.*; import javax.swing.*; import java.awt.*; class urlconn extends JFrame implements ActionListener {JTextField f=new JTextField(); JTextArea a=new JTextArea(); String s=""; public urlconn() { getContentPane().add(f, BorderLayout.NORTH); getContentPane().add(a, BorderLayout.CENTER); f.addActionListener(this); setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); setSize(400,400); } public void actionPerformed(ActionEvent e) { if(e.getSource()==f) { try { URL u=new URL(f.getText()); URLConnection con=u.openConnection(); BufferedReader br=new BufferedReader(new InputStreamReader(con.getInputStream())); int len=con.getContentLength(); if(len!=0) { while((s=br.readLine())!=null) a.append("\n"+s); br.close(); } else a.append("\n"+"content unavailable"); }catch(Exception ae){} } } public static void main(String ar[])throws Exception { urlconn c; c.setVisible(true); } }</pre></p> <p>Figure:-</p> 	3	Y1	A	2	c=new urlconn(); in main method	<a href="#">Edit</a>	<a href="#">Dele</a>
270	What the method getDate() of URLConnection class returns?	3	N	U	2	returns time and date of response in terms of millisecond	<a href="#">Edit</a>	<a href="#">Dele</a>
	What the index.html specifies in following URL?							

271	Http://www.rediff.com:80/index.html	3	N	U	2	File name	<a href="#">Edit</a>	<a href="#">Delete</a>
272	What type of exception might be thrown by Socket class.	3	N	U	2	UnknownHostException	<a href="#">Edit</a>	<a href="#">Delete</a>
273	What will be displayed in the output import java.net.*; class InetAddressTest { public static void main(String args[]) throws UnknownHostException { InetAddress SW [] = InetAddress.getAllByName("www.nba.com"); for (int i=0; i<SW.length; i++) System.out.println(SW[i]); } }	3	N	U	2	The array of internet address	<a href="#">Edit</a>	<a href="#">Delete</a>
274	What will be displayed in the output? import java.net.*; class myAddress { public static void main (String args[]) { try { InetAddress address = InetAddress.getLocalHost(); System.out.println(address); } catch (UnknownHostException e) { System.out.println("Could not find this computer's address."); } } }	3	N	U	2	The internet address of the host	<a href="#">Edit</a>	<a href="#">Delete</a>
275	When client and server is communicating using TCP protocol then communication is _____	3	N	U	2	connection-oriented, concurrent	<a href="#">Edit</a>	<a href="#">Delete</a>
276	when creating a client on a server port that is already in use _____	3	N	U	2	client can connect to the server regardless of whether the port is in use	<a href="#">Edit</a>	<a href="#">Delete</a>
277	When UnknownHostException is thrown, that indicates	3	N	U	2	The IP address of a host could not be determined	<a href="#">Edit</a>	<a href="#">Delete</a>
278	Which datagram method returns the byte array of data contained in the datagram?	3	N	U	2	byte[] getData ()	<a href="#">Edit</a>	<a href="#">Delete</a>
279	Which is correct client code for following server code? import java.net.*; import java.io.*; class tcpip_server { public static void main(String args[]) throws IOException { ServerSocket n1=null; try { n1=new ServerSocket(98); } catch(IOException e) { System.err.println("Port 98 could not be found"); System.exit(1); } Socket c=null; try { c=n1.accept(); System.out.println("Connection from "+c); } catch(IOException e) { System.out.println("Accept failed"); System.exit(1); } PrintWriter out=new PrintWriter(c.getOutputStream(),true); BufferedReader in=new BufferedReader(new InputStreamReader(c.getInputStream())); String n; BufferedReader sin=new BufferedReader(new InputStreamReader(System.in)); System.out.println("Ready to type now"); while((n=sin.readLine())!=null) { out.println(n); } out.close(); c.close(); n1.close(); } }	3	N	A	2	import java.net.*; import java.io.*; class tcpip_client { public static void main(String args[]) throws IOException { Socket s=null; BufferedReader b=null; try { s=new Socket(InetAddress.getLocalHost(),98); b=new BufferedReader(new InputStreamReader(s.getInputStream())); } catch(UnknownHostException u) { System.err.println("&quot;I don't know host&quot;"); System.exit(0); } String inp; while((inp=b.readLine())!=null) { System.out.println(inp); } b.close(); s.close(); } }	<a href="#">Edit</a>	<a href="#">Delete</a>
280	Which Statement is missing in following code import java.net.*; public class InetAddressExample { public static void main(String arg[]) { try { System.out.println("CTE:"+ad); System.out.println("CTE:"+ad.getHostAddress()); System.out.println("CTE:"+ad.getHostName()); } catch(UnknownHostException e) { } } }	3	N	A	2	InetAddress ad=InetAddress.getByName("&quot;localhost&quot;);	<a href="#">Edit</a>	<a href="#">Delete</a>
281	Which class can be used to create a server socket. This object is used to establish communication with the clients ?	3	N	U	2	Both A & B	<a href="#">Edit</a>	<a href="#">Delete</a>
282	Which code segment listens for a socket connection?	3	N	U	2	Socket socket = HttpURLConnection.open(8080);	<a href="#">Edit</a>	<a href="#">Delete</a>
283	Which constructor is used to create ServerSocket connected to port no	3	N	U	2	ServerSocket(1254)	<a href="#">Edit</a>	<a href="#">Delete</a>

	1254 and maxq length as 50.							
284	Which constructors of DatagramPacket class are used for receiving purpose?	3	N	U	2	All	<a href="#">Edit</a>	<a href="#">Dele</a>
285	Which Exception is thrown by DatagramSocket class constructor	3	N	U	2	SocketException	<a href="#">Edit</a>	<a href="#">Dele</a>
286	Which five parameters uniquely identify a Connection ?	3	N	U	2	Local IP, Remote IP, Local MAC, Remote MAC and Protocol	<a href="#">Edit</a>	<a href="#">Dele</a>
287	Which ip address is multicast ip address	3	N	U	2	235.55.45.2	<a href="#">Edit</a>	<a href="#">Dele</a>
288	Which is correct sequence of steps for establishing TCP Connection between client and server ? A)client instantiates a Socket object with server name and port. B) the server give call to accpet mehod form ServerSocket class C)server opens a ServerSocket object with port number D)an accept method on server side returns reference to new Socket which connected to client	3	N	U	2	a,c,b,d	<a href="#">Edit</a>	<a href="#">Dele</a>
289	Which is Factoty method?	3	N	U	2	All of above	<a href="#">Edit</a>	<a href="#">Dele</a>
290	which is not the constructor of URL? 1) public URL()throws MalformedURLException 2) public URL(String Protocol,String Host,int Port,String File) throws MalformedURLException 3) public URL(String URL) throws MalformedURLException. 4) public URL(URL Context,String Url)throws MalformedURLException	3	N	U	2	1	<a href="#">Edit</a>	<a href="#">Dele</a>
291	which is not the method of security class? 1) SocketPermission() 2) FilePermission() 3) DataPermission() 4) Non Of Above	3	N	U	2	3	<a href="#">Edit</a>	<a href="#">Dele</a>
292	Which is reserved port of HTTP & FTP	3	N	U	2	80 & 21	<a href="#">Edit</a>	<a href="#">Dele</a>
293	Which is responsible for determining whether code executing in Java runtime environment has permission to perform a security_sensitive operation	3	N	U	2	security class	<a href="#">Edit</a>	<a href="#">Dele</a>
294	Which is the class present in java.net package used to create packet from byte array and destination address?	3	N	U	2	DatagramPacket	<a href="#">Edit</a>	<a href="#">Dele</a>
295	Which method is used to obtain the Portno of client in Client Program	3	N	U	2	getLocalPort()	<a href="#">Edit</a>	<a href="#">Dele</a>
296	Which method Returns the output stream of the URL connection ?	3	N	U	2	getOutputStream()	<a href="#">Edit</a>	<a href="#">Dele</a>
297	Which methods are commonly used in ServerSocket class ?	3	N	U	2	public Socket accept()	<a href="#">Edit</a>	<a href="#">Dele</a>
298	Which minimum package statements are missing? class InetDemo { public static void main(String args[]) { try { Socket s=new Socket("127.0.0.1",1234); InputStream ip=s.getInputStream(); OutputStream op=s.getOutputStream(); Date d=new Date(); String datemsg=String.valueOf(d); op.write(datemsg.getBytes()); op.close(); } catch(Exception e) { System.out.println(e); } } }	3	N	U	2	import java.net.*; import java.util.*; import java.io.*;	<a href="#">Edit</a>	<a href="#">Dele</a>
299	Which of the following is not a factory method of InetAddress class	3	N	U	2	static InetAddress getAllLocalHost() throws UnknownHostException	<a href="#">Edit</a>	<a href="#">Dele</a>
	Which of the following statement is missing in following code: import java.io.*; import java.net.*; public class demo { public static void main(String args[]) throws Exception { ServerSocket ss = new							

300	ServerSocket(8); DataInputStream in = new DataInputStream(so.getInputStream()); String pass1 = in.readLine(); if(pass1.equals("hi")) { System.out.print("\nPassword Is Correct"); PrintStream p1 = new PrintStream(so.getOutputStream()); p1.println("Welcome"); } else { System.out.print("\nWrong Password Entered"); } }	3	N	U	2	Socket so = ss.accept();	<a href="#">Edit</a>	<a href="#">Delete</a>
301	Which of these are correct constructor/s of URL class?	3	N	U	2	All of above	<a href="#">Edit</a>	<a href="#">Delete</a>
302	Which of these class is used to encapsulate IP address and DNS?	3	N	U	2	InetAddress	<a href="#">Edit</a>	<a href="#">Delete</a>
303	Which of these methods is used to know host of an URL?	3	N	U	2	getHost()	<a href="#">Edit</a>	<a href="#">Delete</a>
304	which of this class is not related to input and output stream in terms of functioning?	3	N	A	2	Reader	<a href="#">Edit</a>	<a href="#">Delete</a>
305	Which protocol will be used/printed in the following example import java.net.*; public class URLEDemo { public static void main(String args[]) throws MalformedURLException { URL hp = new URL("http://www.msbte.com/downloads"); System.out.println("Protocol: " + hp.getProtocol()); System.out.println("Port: " + hp.getPort()); System.out.println("Host: " + hp.getHost()); System.out.println("File: " + hp.getFile()); System.out.println("Ext:" + hp.toExternalForm()); } }	3	N	A	2	HTTP	<a href="#">Edit</a>	<a href="#">Delete</a>
306	Which Statement gives an error import java.net.*; import java.io.*; public class URLTest { public static void main(String args[]) throws MalformedURLException { URL url1 = new URL(); URLConnection hp = openConnection("http://www.msbte.com/download"); System.out.println("Protocol:" + url1.getProtocol()); System.out.println("Port:" + url1.getPort()); System.out.println("Host:" + url1.getHost()); System.out.println("File:" + url1.getFile()); } }	3	N	A	2	C.Both A and B	<a href="#">Edit</a>	<a href="#">Delete</a>
307	Which statement is missing from the code import java.net.*; import java.io.*; class Demo { public static void main(String args[]) { URL url=new URL("http://www.yahho.com/context/current/news.html"); System.out.println("{ Protocol :"+url. ); } }	3	N	A	2	getProtocol()	<a href="#">Edit</a>	<a href="#">Delete</a>
308	Write a syntax to prepare DatagramPacket Object as sendPacket by using other parameter as following. InetAddress IPAddress = InetAddress.getByname("127.0.0.1"); byte[] sendData = new byte[1024]; int port=9876; String sentence = inFromUser.readLine(); sendData = sentence.getBytes();	3	N	A	2	DatagramPacket sendPacket=DatagramPacket(sendData, sendData.length, IPAddress, port);	<a href="#">Edit</a>	<a href="#">Delete</a>
309	You can invoke _____ on a Socket object, say socket, to obtain an InetAddress object.	3	N	A	2	socket.getInetAddress();	<a href="#">Edit</a>	<a href="#">Delete</a>
310	You can obtain the server's hostname by invoking _____ on an applet.	3	N	U	2	getCodeBase().getHost()	<a href="#">Edit</a>	<a href="#">Delete</a>
311	_____ method is used to examine the address and port information by the socket.	3	N	U	2	getInetAddress().	<a href="#">Edit</a>	<a href="#">Delete</a>
312	_____ is a protocol for breaking and sending packets to an address across a network?	3	N	U	2	TCP/IP	<a href="#">Edit</a>	<a href="#">Delete</a>

313	_____ are used to implement reliable, bidirectional, persistent point to point stream based connection.	3	N	U	2	TCP/IP	<a href="#">Edit</a>	<a href="#">Delete</a>
314	_____ is a bundle of information passed between machines.	3	N	U	2	Datagram	<a href="#">Edit</a>	<a href="#">Delete</a>
315	_____ is a general-purpose class for accessing the attributes of a remote	3	N	U	2	URLConnection	<a href="#">Edit</a>	<a href="#">Delete</a>
316	_____ server can process multiple request at a time	3	N	U	2	a concurrent	<a href="#">Edit</a>	<a href="#">Delete</a>
317	_____ is a factory method of InetAddress class which returns an array of InetAddress.	3	N	U	2	getAllByName()	<a href="#">Edit</a>	<a href="#">Delete</a>
318	_____ class is necessary to implements Datagram	3	N	U	2	both a and b	<a href="#">Edit</a>	<a href="#">Delete</a>
319	_____ is a mediator used in between Web Server and Client	3	N	U	2	Proxy	<a href="#">Edit</a>	<a href="#">Delete</a>
320	_____ are the instance methods of InetAddress class.	3	N	U	2	All	<a href="#">Edit</a>	<a href="#">Delete</a>
321	..... method is used for testing whether the specified element is a file or not.	3	N	A	2	isFile()	<a href="#">Edit</a>	<a href="#">Delete</a>
322	.....method is used to find the host URL?	3	N	U	2	getHost()	<a href="#">Edit</a>	<a href="#">Delete</a>
323	.....thrown to indicate that IP address of Host could not be Determined	3	N	U	2	UnknownHostException	<a href="#">Edit</a>	<a href="#">Delete</a>
324	.....method of datagram packet is used to find the port number.	3	N	U	2	getPort()	<a href="#">Edit</a>	<a href="#">Delete</a>
325	A technique that creates a subletting effect; one server answers ARP requests for multiple hosts?	3	N	U	2	Proxy Server	<a href="#">Edit</a>	<a href="#">Delete</a>
326	Which client accesses the Web server by using a GET MESSAGE?	3	N	U	2	HTTP	<a href="#">Edit</a>	<a href="#">Delete</a>
327	Which of these is a protocol for breaking and sending packets to an address across a network?	3	N	U	2	TCP/IP	<a href="#">Edit</a>	<a href="#">Delete</a>



# Maharashtra State Board of Technical Education

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Q No	Question	To pic	Fig ure	Q Type	Mar ks	Answer
1	A Java program cannot directly communicate with an ODBC driver because	4	N	R	1	ODBC written in C language
2	A JDBC technology -based driver ("JDBC driver") makes it possible to do ?	4	N	R	1	All mentioned above
3	Abbreviate the term DSN	4	N	R	1	Data Source Name
4	An API can be created for	4	N	R	1	All of these
5	API stands for	4	N	R	1	application program interface
6	API which controls access to the row result of a given Statement and holds data retrieved from a database after you execute an SQL query using Statement objects.	4	N	R	1	java.sql.ResultSet
7	Application Server used in _____	4	N	R	1	Three-Tier Mode
8	Backbone of JDBC Architecture is _____	4	N	R	1	Driver Manager
9	boolean isLast() method defines _____	4	N	R	1	Determines whether the ResultSet cursor points to the last row of the I
10	Callable Staement used to -----	4	N	R	1	calling procedure
11	Callable statement object in JDBC is used to execute a call to	4	N	R	1	stored procedure
12	CallableStatement is used to execute_____	4	N	R	1	Stored Procedures
13	Choose the correct syntax for getConnection() method	4	N	R	1	public static Connection getConnection(String url, String name, String p SQLException
14	Class.forName("_____")	4	N	R	1	sun.jdbc.odbc.JdbcOdbcDriver
15	class.forName() method throws	4	N	R	1	ClassNotFoundException
16	Connection object can be initialized using the _____ method of the DriverManager Class.	4	N	R	1	getConnection()
17	createStatement() method without any parameter is used to create a statement with _____	4	N	R	1	a forward only and read only ResultSet
18	Database meta data are retrieved through _____.	4	N	R	1	a PreparedStatement object
19	DELETE statement of an SQL is executed by _____.	4	N	R	1	executeUpdate()
20	DriverManager.getConnection(_____, _____, _____) What are the two parameters that are included ?	4	N	R	1	URL or machine name where server runs, User ID, Password
21	DSN stands for	4	N	R	1	Data Source Name
22	Every driver must provide a class that should implement the _____	4	N	R	1	Driver interface
23	execution of delete SQL query in JDBC, ..... method must be used.	4	N	R	1	executeUpdate()
24	Following is return type of executeUpdate( ):	4	N	R	1	int
25	For execution of INSERT SQL query in JDBC, ..... method must be used.	4	N	R	1	executeUpdate()
26	For execution of SELECT SQL query in JDBC, _____ method must be used.	4	N	R	1	executeQuery()

27	forName is a _____ type method	4	N	R	1	static
28	getConnection() method of which class	4	N	R	1	DriverManager
29	getUserName() method is used to _____	4	N	R	1	retrieve name of user
30	How can you execute DML statements (i.e. insert, delete, update) in the database?	4	N	R	1	By invoking the executeUpdate(...) method of a Statement object
31	How can you retrieve information from a ResultSet?	4	N	R	1	By invoking the special getter methods on the ResultSet: getString(...), getInt(...)
32	How many JDBC driver types are available by sun Microsystem?	4	N	R	1	Four
33	How many steps are used to connect any java application with the database using JDBC?	4	N	R	1	5
34	How many transaction isolation levels are defined in java.sql.Connection interface	4	N	R	1	5
35	If a PreparedStatement is a SQL SELECT statement, you execute the statement using _____.	4	N	R	1	PreparedStatement.executeQuery();
36	If you need to use a stored procedure with output parameters, which of the following statement type should be used to call the procedure?	4	N	R	1	CallableStatement
37	In 2-tier architecture , the first tier is generally _____	4	N	R	1	GUI
38	In JDBC _____ imports all java classes concerned with database connectivity.	4	N	R	1	java.sql.*
39	In the following JDBC drivers which is known as partly java driver?	4	N	R	1	Native-API driver
40	In the three tier model the middle tier of the services acts as a mediator between _____ and _____.	4	N	R	1	Java application and databases
41	In which model java application or applet supports for database access?	4	N	R	1	both a and b
42	In which type of driver must Odbc drivers be loaded on client machine?	4	N	R	1	Type 1
43	Invoking Class.forName() method may throw _____.	4	N	R	1	ClassNotFoundException
44	JDBC is a ----- interface, which means that it is used to invoke SQL commands directly.	4	N	R	1	low level
45	JDBC Stands for	4	N	R	1	Java Database Connectivity
46	JDBC stands for:	4	N	R	1	Java Database Connectivity
47	JDBC-ODBC bridge product provide _____ access via _____.	4	N	R	1	JDBC driver, ODBC drivers
48	Methods of ResultSet() throws _____	4	N	R	1	SQLException
49	Microsoft access stores data in a _____ file format	4	N	R	1	.MDB
50	Name the type number belongs to JDBC ODBC Bridge driver?	4	N	R	1	Type 1
51	Native API converts _____ into the _____ used by DBMS.	4	N	R	1	JDBC API, Native API calls
52	Native – protocol pure Java converts ..... in to the ..... used by DBMSs directly.	4	N	R	1	JDBC calls, network protocol
53	ODBC Drivers are platform _____	4	N	R	1	Dependent
54	ODBC is not appropriate for direct use from java because it uses a .....	4	N	R	1	C interface
55	ODBC minimum SQL grammar contains	4	N	R	1	INSERT, UPDATE ,DELETE ONLY
56	ODBC requires configuring _____ which represents the target database.	4	N	R	1	Data Source Name
57	ODBC stands for	4	N	R	1	open database connectivity
58	Prepared statement object in JDBC is used to execute _____ Queries	4	N	R	1	parameterized

59	PreparedStatement are used for calling _____	4	N	R	1	precompile Statement
60	prepareStatement method is from which class	4	N	R	1	Connection Class
61	return type of execute() method is	4	N	R	1	boolean
62	SQL stands for _____ .	4	N	R	1	Structured Query Language
63	Statement is _____ .	4	N	R	1	interface
64	The JDBC –ODBC Bridge is _____	4	N	R	1	Multitreaded
65	The -----method executes a simple query and returns a single Result Set object	4	N	R	1	executeQuery()
66	The ..... object provides you with methods to access data from the table.	4	N	R	1	ResultSet
67	The ..... method sets the query parameters of the PreparedStatement Object.	4	N	R	1	setString()
68	The ..... object allows you to execute parameterized queries.	4	N	R	1	PreparedStatement
69	The ..... method executes an SQL statement that may return multiple results.	4	N	R	1	execute()
70	The ..... package contains classes that help in connecting to a database, sending SQL statements to the database, and processing the query results.	4	N	R	1	java.sql
71	The command to remove all the rows from a table 'CUSTOMER' is:	4	N	R	1	DELETE FROM CUSTOMER
72	The correct string for loading Jdbc-Odbc bridge driver using Class.forName() method is:	4	N	R	1	sun.jdbc.odbc.JdbcOdbcDriver
73	The First task in JDBC is _____ .	4	N	R	1	register a driver
74	The interface used to execute SQL stored procedures	4	N	R	1	CallableStatement
75	The JDBC API is an application interface of java for connection java as	4	N	R	1	Middle
76	The JDBC API is application interface connecting java as ____	4	N	R	1	Front End
77	The parameters of the PreparedStatement object are ..... when the user clicks on the Query button.	4	N	R	1	initialized
78	The PreparedStatement _____ symbol is placeholder that is replaced by the input parameter at seen time.	4	N	R	1	?
79	The ResultSet _____ provides methods for retrieving and manipulating the results of executed queries.	4	N	R	1	interface
80	The Type 3 architecture is _____	4	N	R	1	JDBC-Net pure Java
81	The valid constant to represent ResultSet type is _____	4	N	R	1	All of the mentioned
82	The _____ object provides you with methods to access data from the table.	4	N	R	1	ResultSet
83	The _____ package contains classes that help in connecting to a database, sending SQL statements to the database and processing the query results.	4	N	R	1	java.sql.*
84	The _____ interface Provides various methods for getting information about Database.	4	N	R	1	DatabaseMetaData
85	The _____ driver resolves JDBC call and makes equivalent ODBC Call	4	N	R	1	JDBC-ODBC bridge
86	The _____ is the language for interacting with Database.	4	N	R	1	Structured Query Language(SQL)
87	To execute SQL query which method is used.	4	N	R	1	All of these
88	To retrieve a Connection object,..... Method is used.	4	N	R	1	getConnection( )
89	Type 1 driver is also known as	4	N	R	1	JDBC-ODBC Bridge Driver
90	Type 3 driver is also known as _____	4	N	R	1	JDBC-net Pure Java
91	Type II JDBC driver is also known as _____	4	N	R	1	Native API partly Java driver



92	Type IV JDBC driver is also known as _____	4	N	R	1	Native Protocol Pure-Java Driver
93	Type4 driver is also known as:	4	N	R	1	100% Pure Java
94	What is JDBC	4	N	R	1	Java API with databases
95	What maintains a cursor pointing to a particular row of data initially, cursor points to before the first row?	4	N	R	1	ResultSet interface
96	Where the object of ResultSet maintains a cursor?	4	N	R	1	First Row
97	Which among the below is not an interface of java.sql Package	4	N	R	1	ResultSetStatement
98	Which are the JDBC components?	4	N	R	1	All of the above
99	Which class is used to connect java application to JDBC driver	4	N	R	1	DriverManager
100	Which class/ interface is used for an SQL statement that is executed frequently?	4	N	R	1	PreparedStatement
101	Which driver provides JDBC API access via one or more ODBC drivers	4	N	R	1	JDBC-ODBC bridge driver
102	Which driver is called as a thin driver in JDBC?	4	N	R	1	Type-4 Driver
103	Which driver is efficient and always preferable for using JDBC applications?	4	N	R	1	Type-4
104	Which driver is needed to connect to Microsoft database?	4	N	R	1	JDBC-ODBC Bridge Driver
105	Which driver type use middleware server(Application Server)?	4	N	R	1	Type 3
106	which from the below use "middle-tier"	4	N	R	1	All of above
107	Which interface is important from java.sql package in JDBC?	4	N	R	1	Connection
108	Which Interface is used to execute dynamic SQL statements?	4	N	R	1	PreparedStatement
109	Which interface provides methods to execute queries with the database?	4	N	R	1	Statement interface
110	Which is default ResultSet type	4	N	R	1	TYPE_FORWARD_ONLY
111	Which is not a type of JDBC driver	4	N	R	1	JDBC-Native pure java
112	Which is the correct syntax of next( ) method of ResultSet?	4	N	R	1	boolean next( )
113	Which JDBC driver Type (s) can be used in either applet or servelt code?	4	N	R	1	Both Type 3 and Type 4
114	Which JDBC driver Type(s) can you use in a three-tier architecture and if the Web server and the DBMS are running on the same machine?	4	N	R	1	Both Type 3 and 4
115	Which JDBC driver Types are used for over communications networks?	4	N	R	1	Both Type 3 and Type 4
116	Which kind of driver convert JDBC calls into calls on the client API for Oracle, Sybase, Informix, IBM DB@ , or Other DBMS	4	N	R	1	Native-API partly-Java driver
117	Which method is used to obtain count of total rows of ResultSet	4	N	R	1	getRow
118	Which method is used to perform DML statements in JDBC?	4	N	R	1	executeUpdate()
119	Which method is used to send CREATE TABLE queries to database using JDBC?	4	N	R	1	executeUpdate()
120	Which method must be used to execute INSERT, UPDATE, or DELETE statement .	4	N	R	1	executeUpdate()
121	Which method of class is used to register & dynamically load the driver class?	4	N	R	1	forName()
122	Which of the following describes the correct sequence of the steps involved in making a connection with a database. 1. Loading the driver 2. Process the results. 3. Making the connection with the database. 4. Executing the SQL statements.	4	N	R	1	1,3,4,2
123	which of the following function is used to find the column count of the particular ResultSet ?	4	N	R	1	getColumnCount()
124	Which of the following invokes functions in sql ?	4	N	R	1	Callable statements

125	Which of the following is interfaces?	4	N	R	1	Statement
126	Which of the following is not valid method of DriverManager class?	4	N	R	1	createStatement()
127	Which of the following is the correct order of keywords for SQL SELECT statements?	4	N	R	1	SELECT, FROM, WHERE
128	Which of the following is used for sending SQL statements?	4	N	R	1	Statement
129	Which of the following method is method is used to load and register driver ?	4	N	R	1	Class.forName("&quot;sun.jdbc.odbc.JdbcOdbcDriver&quot;);
130	Which of the following methods are needed for loading a database driver in JDBC?	4	N	R	1	Both A and B
131	Which of the following model is java applet or application directly communicates with data source?	4	N	R	1	Two tier
132	Which of the following model is known as client/server configuration.	4	N	R	1	Two-tier
133	Which of the following package contains all JDBC API's those are required to make connection with database?	4	N	R	1	java.sql.*
134	Which of the following statement is a prepared statements ?	4	N	R	1	Insert into department values(?,?,?)
135	Which of the following statements loads the JDBC-ODBC driver?	4	N	R	1	Class.forName("&quot;sun.jdbc.odbc.JdbcOdbcDriver&quot;);
136	Which of the following translates the socket information in call format required by the DBMS.	4	N	R	1	Middleware Application Server
137	Which of the following statement is false as far as different type of statements is concern in JDBC?	4	N	R	1	Interim statement
138	Which of these API represents that software programs can follow to communicate with each other?	4	N	R	1	Both A & B
139	Which one of the following will not get the data from the first column of ResultSet rs, returned from executing the following SQL statement: SELECT name, rank, serial_No FROM employee?	4	N	R	1	rs.getString(0)
140	Which package is necessary to import all java classes concerned with database connectivity?	4	N	R	1	java.sql.*
141	Which package need to be imported for establishing connection with database	4	N	R	1	java.sql
142	Which statement is static and synchronized in JDBC.	4	N	R	1	getConnection()
143	Which statements about JDBC are true?	4	N	R	1	Both II and III
144	Which type of driver provides JDBC access one or more ODBC drivers?	4	N	R	1	Type 1 driver
145	Which type of driver converts JDBC calls into the network protocol used by the database management system directly	4	N	R	1	Type 4 Driver
146	Which type of driver is unique in JDBC?	4	N	R	1	JDBC-Native API
147	Which was first most widely used programming interface for accessing relational databases on almost all platforms ?	4	N	R	1	ODBC API
148	Why do we need the JDBC API?	4	N	R	1	All of the above
149	You can add a row using SQL in a database with which of the following?	4	N	R	1	INSERT
150	_____ calls get converted into native C or C++ API calls.	4	N	R	1	JDBC Native API
151	_____ is an interface by which application programs can access and process SQL databases in a DBMS-independent manner.	4	N	R	1	ODBC
152	_____ Interface is important from java.sql package in JDBC	4	N	R	1	Connection
153	_____ interface is used to know the capabilities or information about a database Management system DBMS with JDBC Driver.	4	N	R	1	Database Metadata
154	_____ method of Connection interface is used to create statement	4	N	R	1	createStatement()
155	_____ method of DriverManager class is used to create connection with database.	4	N	R	1	getConnection()

156	_____ interface allows storing results of query?	4	N	R	1	ResultSet
157	_____ is a table of data which represents a data from database	4	N	R	1	ResultSet
158	_____ interface represents the comprehensive information about the database package.	4	N	R	1	DatabaseMetaData
159	What is data in following program: <pre>import java.sql.*; public class Selectdbase { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:data"); Statement st=con.createStatement(); ResultSet rs=st.executeQuery("select * from emp"); while(rs.next()) { System.out.println("id:"+rs.getInt("id")); System.out.println("salary:"+rs.getString("salary")); System.out.println("name:"+rs.getString("name1")); } con.close(); } catch(SQLException e) {} catch(Exception e) {} } }</pre>	4	N	A	2	data source name
160	'?' symbol is used for _____	4	N	U	2	parameter in prepared statement
161	.Find out error from following code. <pre>import java.sql.*; public class Updatedbase { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:data2"); Statement st=con.createStatement(); resultSet rs=st.executeQuery("select * from college"); while(rs.next()) { System.out.println("id:"+rs.getInt("id")) System.out.println("name1:"+rs.getString("name1")); } con.close(); } catch(SQLException e) {} catch(Exception e) {} } }</pre>	4	N	A	2	; missing
162	1. Choose the correct option to establish a connection to database named student and display its contents.	4	N	A	2	<pre>import java.sql.*; class OracleCon{ public static void main(String args[]) try{ Class.forName("&amp;quot;oracle.jdbc.JdbcOdbcDriver&amp;quot;"); Connecti con=DriverManager.getConnection( &amp;quot;jdbc:oracle:thin:@localhost:1521:xe&amp;quot;,&amp;quot;system&amp;quot; &amp;quot;jdbc:oracle:thin:@localhost:1521:xe&amp;quot;,&amp;quot;system&amp;quot; Statement stmt=con.createStatement(); ResultSet rs=stmt.executeQuery from student&amp;quot;); while(rs.next()) System.out.println(rs.getInt(1)+&amp;quot; &amp;quot;+rs.getString(2)+&amp;quot; &amp;quot;+rs.getString(3)); con.close(); } , System.out.println(e); } } }</pre>
163	A benefit of the three-tier architecture is which of the following?	4	N	U	2	New modules can be built to support specific business needs.
164	afterLast() method returns.....	4	N	U	2	Moves cursor to the end of resultset that is after last row
165	All raw data types including binary documents or images should be read and uploaded to the database as an array of ....	4	N	U	2	byte
166	Analyse the following code and fill the appropriate statement in the blanks <pre>import java.sql.*; class DB { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:mysdn"); Statement stmt=con.createStatement(); ResultSet rs=stmt._____("select * from emp where id=101"); System.out.println("EmpName\tDesignation\tSalary"); while(rs.next()) { System.out.println(rs.getString(2)+"\t"+rs.getString(3)+"\t"+rs.getInt(4)); } con.close(); } }</pre>	4	N	A	2	executeQuery()
167	Analyse the following code and find errors. <pre>import java.sql.*; class DisplayRecord { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:xyz"); Statement stmt=con.createStatement(); ResultSet rs=stmt.executeUpdate("select * from emp where id=101"); con.close(); } }</pre>	4	N	A	2	Error is in query execution statement
168	Analyse the following code and find out errors <pre>import java.sql.*; class Record { public static void main(String args[])throws Exception { Class.forName("jdbc:odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:mysdn"); Statement stmt=con.createStatement(); ResultSet rs=stmt.executeQuery("select * from emp where id=101"); System.out.println("EmpName\tDesignation\tSalary"); while(rs.next()) { System.out.println(rs.getString(1)+"\t"+rs.getString(2)+"\t"+rs.getInt(3)); } con.close(); } }</pre>	4	N	A	2	Error is in statement in which driver is registered
169	Analyse the following code and find out missing statement. <pre>import java.sql.*; class Record { public static void main(String args[])throws Exception { Connection con=DriverManager.getConnection("jdbc:odbc:xyz"); Statement stmt=con.createStatement();</pre>	4	N	A	2	Missing driver registration statement

	<pre>ResultSet rs=stmt.executeQuery("select * from emp where id=101"); System.out.println("EmpName\tDesignation\tSalary"); while(rs.next()) { System.out.println(rs.getString(2)+"\t"+rs.getString(3)+"\t"+rs.getInt(4)); } con.close(); } }</pre>					
170	Analyze the following code: <pre>ResultSet resultSet = statement.executeQuery ("select firstName, mi, lastName from Student where lastName " + " = 'Smith'"); System.out.println(resultSet.getString(1));</pre>	4	N	U	2	The program will have a runtime error, because the cursor in resultSet is at the first row. You must use resultSet.next() to move the cursor to the first row in the result set. Subsequently, resultSet.next() moves the cursor to the next row in the result set.
171	Analyze the following code: <pre>ResultSet resultSet = statement.executeQuery ("select firstName, mi, lastName from Student where lastName " + " = 'Smith'"); System.out.println(resultSet.getString(1));</pre>	4	N	A	2	II, III
172	API is which of the following	4	N	U	2	Middleware that provide access to database.
173	Are Resultsets Updateable?	4	N	A	2	yes, but if the resultset is an object of class UpdatableResultSet, and if the database support this option
174	boolean execute() method returns	4	N	U	2	Multiple results
175	By using which interface one can store images in the database in java ?	4	N	U	2	PreparedStatement interface
176	Choose missing statements in following code from given options. <pre>import java.sql.*; class DBTest { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:xyz"; Connection con=DriverManager.getConnection(url); System.out.println("Connection to database is created"); Statement st=con.createStatement(); System.out.println("Statement Object is created"); catch(SQLException e) { System.out.println("SQL Error"); } catch(Exception e) { System.out.println("Error"); } } }</pre>	4	N	A	2	} missing
177	Choose missing statements in following code from given options. <pre>import java.sql.*; Class conn { public static void main(String args[]) { try { System.out.println("Drivers are properly loaded"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("Connection Established"); con.close(); } catch(SQLException e) { System.out.println("SQL Error has occurred "); catch(Exception e) { System.out.println("Error! Connection not established"); } } }</pre>	4	N	A	2	Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
178	Choose missing statements in following code from given options. <pre>import java.sql.*; class DemoFetch { public static void main(String args[]) { Connection con; Statement stmt; ResultSet rs; String qry, url; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); url="jdbc:odbc:studdsn"; con=DriverManager.getConnection(url,"",""); stmt=con.createStatement(); qry="select * from stud"; rs=_____ ; System.out.println("Roll No\tName\tPercentage"); while(rs.next()) { int ro=rs.getInt("roll"); String nm=rs.getString("sname"); double per=rs.getDouble("per"); System.out.println(ro+"\t"+nm+"\t"+per); } con.close(); } catch(Exception e){ } }</pre>	4	N	A	2	stmt.executeQuery(qry)
179	Choose missing statements in following code from given options. <pre>import java.sql.*; class DemoFetch1 { public static void main(String args[]) { Connection con; PreparedStatement pstmt; ResultSet rs; String qry,url; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); url="jdbc:odbc:studdsn"; con=DriverManager.getConnection(url,"",""); qry="select * from stud"; pstmt=con.prepareStatement(qry); rs=_____ ; System.out.println("Roll No\tName\tPercentage"); while(rs.next()) { int ro=rs.getInt("roll"); String nm=rs.getString("sname"); double per=rs.getDouble("per"); System.out.println(ro+"\t"+nm+"\t"+per); } con.close(); } catch(Exception e) { System.out.println(e.toString()); } }</pre>	4	N	A	2	pstmt.executeQuery(qry)
180	Choose missing statements in following code from given options. <pre>import java.sql.*; import java.io.*; class DemoPreparedStatement { Connection con; PreparedStatement pstmt; String qry,url; public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); url="jdbc:odbc:studdsn"; con=DriverManager.getConnection(url,"",""); qry=_____ ; pstmt=con.prepareStatement(qry); pstmt.clearParameters(); pstmt.setInt(1,11); pstmt.setString(2,"XYZ"); pstmt.setDouble(3,65.77); int res=pstmt.executeUpdate(); if(res&gt;0) System.out.println("Record Inserted..."); else System.out.println("Error..."); con.close(); }</pre>	4	N	A	2	&quot;insert into stud values(?,?,?)&quot;;

	<pre>}catch(Exception e){} } }</pre>					
181	Choose the correct alternative to update employee table	4	N	A	2	PreparedStatement pstmt = null; try { String SQL = &quot;Update Emp WHERE id = ? &quot;; pstmt = conn. prepareStatement (SQL); ... } catd ... } finally { pstmt. Close (); }
182	Choose the correct output for the given code: <pre>import java.sql.*; class Mydatabase1 { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); Connection c=DriverManager.getConnection("jdbc:odbc:MYDSN", " ", " "); System.out.println("Connection Established"); Statement st=c.createStatement(); ResultSet rs=st.executeQuery("Select * from StudTable"); while(rs.next()) { System.out.println(rs.getString(1)+" "+rs.getString(2)); } rs.close(); st.close(); c.close(); } catch(Exception e) { System.out.println(e); } } }</pre>	4	Y2	A	2	S1Q5401
183	Choose the correct syntax of creating query to read records with salary > 10000	4	N	A	2	select * from employee where salary &gt;10000
184	<pre>class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) 26 { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); } s.close(); c.close(); } class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); } s.close(); c.close(); }</pre>	4	N	A	2	Missing package statement.
185	<pre>Connection con = DriverManager.getConnection ("jdbc:odbc:wombat", "login", "password"); Statement stmt = con.createStatement(); ResultSet rs = stmt.executeQuery("SELECT a, b, c FROM Table1"); while (rs.next()) { Integer x = rs.getInt("c"); String s = rs.getString("a"); Float f = rs.getFloat("b"); } What is WRONG with the code above?</pre>	4	N	A	2	Retrieval of the fields is in the wrong order.
186	Connection con=DriverManager.getConnection(url); this command will create the following	4	N	A	2	new con object of connection class initiated with connection of content
187	Connection object can be initialized using the ..... method of the Driver Manager class.	4	N	R	2	getConnection()
188	Consider following code and state missing code ? <pre>import java.sql.*; class exp2 { public static void main(String args[])throws Exception { try { Class.forName("_____"); Connection con=DriverManager.getConnection("Jdbc:Odbc:demo1dsn"); Statement st=con.createStatement(); ResultSet rs=st.executeQuery("select * from Table1"); System.out.println("After insertion of new record"); while(rs.next()) { System.out.println(rs.getString(1)); System.out.println(rs.getString(2)); System.out.println(rs.getString(3)); } st.executeUpdate("insert into Table1 values('jasmine',10,'banglore')"); ResultSet rs1=st.executeQuery("select * from Table1 "); while(rs1.next()) { System.out.println(rs1.getString(1)); System.out.println(rs1.getString(2)); System.out.println(rs1.getString(3)); } } catch(Exception e) { } }</pre>	4	N	A	2	sun.jdbc.odbc.JdbcOdbcDriver
189	Consider following code and state which statement is missing in following code ? <pre>import java.sql.*; class JDBCDEMO { { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); } s.close(); c.close(); } }</pre>	4	N	A	2	Statement s=c.createStatement();
190	Consider Following Code. Select the statement that should be added to the program to get correct output. <pre>import java.sql.*; import java.io.*; public class DeleteRecord3 { public static void main (String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); System.out.print("Enter rollno to delete:"); int rno=Integer.parseInt(br.readLine()); Statement stmt=conn.createStatement(); stmt.executeUpdate("Delete from Stud where rno="+rno);</pre>	4	N	A	2	Connection conn=DriverManager.getConnection(&quot;jdbc:odbc:mcmf

	<pre>System.out.println("Record Deleted"); stmt.close(); conn.close(); br.close(); } catch(ClassNotFoundException ce){} catch(SQLException se){} catch(IOException ie){} } }</pre>																										
191	<p>consider following code. what is an output of given code?</p> <pre>import java.sql.*; class Rsmd{ public static void main(String args[]){ try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:mysn"); PreparedStatement ps=con.prepareStatement("select * from employee"); ResultSet rs=ps.executeQuery(); ResultSetMetaData rsm=rs.getMetaData(); System.out.println("Total columns: "+rsm.getColumnCount()); System.out.println("Column Name of 1st column: "+rsm.getColumnName(1)); System.out.println("Column Type Name of 1st column: "+rsm.getColumnTypeName(1)); con.close(); }catch(Exception e){ System.out.println(e);} } }</pre>	4	N	A	2	Total columns: 2 Column Name of 1st column: empid Column Type Name: INTEGER																					
192	<p>Consider following program what should be the correction done in the program to get correct output?</p> <pre>Class demo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc:jdbcodbcDrive); System.out.println("Drivers are Loaded"); Connection con=DriverManager.getConnection("jdbc:odbc:abc"); System.out.println("Connection established"); s1="select * fromemp"; Statement st=con.createStatement(); ResultSet rs=st.executeQuery(s1); rs=st.getResultSet(); while(rs.next()) { System.out.println("rs.getString(1)+" "+rs.getInt(2)+" "+rs.getInt(3)); } con.close(); } catch(SQLException e) { System.out.println(e); } catch(Exception s) { System.out.println("s"); } } }</pre>	4	N	A	2	Both B and C option																					
193	<p>Consider following program. What should be the output.</p> <pre>import java.sql.*; public class Select_Demo { public static void main(String[] argv) throws Exception { int records = 0; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:DATA"); String sql = "SELECT COUNT(*) FROM User" ; PreparedStatement prest = con.prepareStatement(sql); ResultSet rs = prest.executeQuery(); while (rs.next()) { records = rs.getInt(1); } System.out.println("Number of records: " + records); con.close(); } }</pre>	4	N	A	2	Output display number of row from table.																					
194	<p>Consider given database and Select correct output for following code:</p> <pre>import java.sql.*; class StudentData { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con =DriverManager.getConnection("jdbc:odbc:stud"); PreparedStatement ps =con.prepareStatement("select * from Student where Marks &gt; ?"); ps.setInt(1,70); //set question marks place holder ResultSet rs = ps.executeQuery(); //execute System.out.println("Students having marks &gt; 70 are:"); while(rs.next()) System.out.println(rs.getString(2)); con.close(); }catch(Exception e){ } } }</pre> <p>Figure:-</p> <table border="1"> <thead> <tr> <th>Roll</th> <th>Name</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Rakhee</td> <td>75</td> </tr> <tr> <td>2</td> <td>Amit</td> <td>49</td> </tr> <tr> <td>3</td> <td>Ajita</td> <td>63</td> </tr> <tr> <td>4</td> <td>Rahul</td> <td>78</td> </tr> <tr> <td>5</td> <td>Minal</td> <td>67</td> </tr> <tr> <td>6</td> <td>Karthik</td> <td>71</td> </tr> </tbody> </table>	Roll	Name	Marks	1	Rakhee	75	2	Amit	49	3	Ajita	63	4	Rahul	78	5	Minal	67	6	Karthik	71	4	Y1	U	2	Students having marks > 70 are: Rakhee Rahul Karthik
Roll	Name	Marks																									
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5	Minal	67																									
6	Karthik	71																									
195	<p>Consider the following code. Fill the proper method in the blank space .</p> <pre>import java.sql.*; import java.io.*; public class UpdateRecord2 { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn=DriverManager.getConnection("jdbc:odbc:av"); Statement stmt=conn.createStatement(); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); System.out.println("Enter rollno:"); String rno=br.readLine(); System.out.println("Enter name:"); String nm=br.readLine(); System.out.println("Enter percentage:"); String p=br.readLine(); stmt.-----("update stud set name="+nm+",per="+p+" where rno="+rno); System.out.println("Record Updated"); stmt.close(); conn.close(); br.close(); } catch(ClassNotFoundException ce){}</pre>	4	N	A	2	executeUpdate()																					

	<pre>catch(SQLException se){} catch(IOException ie){} } }</pre>					
196	Consider the following code, Find the missing statement to get correct output. <pre>public class DeleteRecords { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:DATA"); String query = "delete from tannis"; PreparedStatement pstmt = con.prepareStatement(query); pstmt.executeUpdate(); pstmt.close(); con.close(); } catch (Exception e) { System.out.println(e); } } }</pre>	4	N	A	2	All the above
197	Consider the following code, What should be the correction done in the program to get correct output. <pre>import java.sql.*; class CreateDemo { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:DATA"); Statement st=con.createStatement(); String sql="create table Employee(Name char,Age int)"; st.execute(sql); System.out.println("created"); catch(SQLException e) { System.out.println(e); } catch(Exception e) { System.out.println(e); } } }</pre>	4	N	A	2	Missing }
198	Consider the following code. <pre>PreparedStatement stmt=con.prepareStatement("select * from emp"); ResultSet rs=stmt.executeQuery(); while(rs.next()){ System.out.println(rs.getInt(1)+" "+rs.getString(2)); } }</pre> This is an example of prepared statement interface that will _____?	4	N	A	2	retrieve the record
199	Consider the following code.find error statement to execute the code <pre>import java.sql.*; public class JDBCExample { static final String JDBC_DRIVER = "com.mysql.jdbc.Driver" static final String DB_URL = "jdbc:mysql://localhost/STUDENTS"; static final String USER = "username"; static final String PASS = "password"; public static void main(String[] args) { Connection conn = null; try{ Class.forName("com.mysql.jdbc.Driver"); System.out.println("Connecting to a selected database..."); conn = DriverManager.getConnection(DB_URL, USER, PASS); System.out.println("Connected database successfully..."); }catch(SQLException se) { se.printStackTrace(); } catch(Exception e) { e.printStackTrace(); } finally{ try{ if(conn!=null) conn.close(); }catch(SQLException se){ se.printStackTrace(); } } System.out.println("Goodbye!"); } }</pre>	4	N	A	2	Both option i and ii
200	Consider the following code.find missing statement in code so that get desired output <pre>import java.sql.*; public class mytabledelete { public static void main(String[] args) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection(s); System.out.println("Connection Established"); PreparedStatement studste = con.prepareStatement("delete from student where rno=3"); studste.executeUpdate(); Statement s1 = con.createStatement(); String studqry = "select * from student"; ResultSet Rset = s1.executeQuery(studqry); while (Rset.next()) { int studid = Rset.getInt("rno"); String studname = Rset.getString("name"); System.out.println(studid + " " + studname); } } }</pre>	4	N	A	2	String s= ("&quot;jdbc:odbc:mystudtable&quot;);
201	Consider the following code.What should be the correction done in the code to get correct output? <pre>import java.sql.*; class mytable { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String url = ("jdbc:odbc:mystudtable"); Connection con=DriverManager.getConnection(url); System.out.println("ConnectionEstablished"); Statement studste = con.createStatement(); String studqry = "create table student(rno int,name char)"; studste .execute(qry); } catch(SQLException e) { System.out.println("databse Connection error....."); } catch(Exception e) { System.out.println("Other error....."); } } }</pre>	4	N	A	2	Both option i and ii
202	Consider the following code.What will be student table data after executing this code as table was empty. <pre>import java.sql.*; public class mytableins { public static void main(String[] args) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String s = ("jdbc:odbc:mystudtable"); Connection con=DriverManager.getConnection(s); System.out.println("Connection Established"); PreparedStatement studste = con.prepareStatement("insert into student values(2,'Rani')"); studste .executeUpdate(); Statement s1 = con.createStatement(); ResultSet Rset = s1.executeQuery( "select * from student"); System.out.println("Roll No ....Name"); while (Rset.next()) { int studid = Rset.getInt("rno"); String studname = Rset.getString("name"); System.out.println(studid + " " +studname); } } }</pre>	4	N	A	2	only one record in table
	Consider the following code.Which statement need to update student table data by this code?					

203	<pre>import java.sql.*; public class mytableupdate { public static void main(String[] args) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String s = ("jdbc:odbc:mystudtable"); Connection con=DriverManager.getConnection(s); System.out.println("Connection Established"); PreparedStatement studste = con.prepareStatement("update student set name='john' where rno=2"); Statement s1 = con.createStatement(); String studqry = "select * from student"; ResultSet Rset = stmt.executeQuery(studqry); while (Rset.next()) { int studid = Rset.getInt("rno"); String studname =Rset.getString("name"); System.out.println(studid + " " + studname); } }</pre>	4	N	A	2	studste.executeUpdate();
204	<p>Consider the following database: ID name Salary 1 ramesh 1200 2 ganesh 1111 6 sanjay 9500 What will be the correct output for following code: import java.sql.*; class SelectDemo { public static void main(String a[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:mysdn"; Connection con=DriverManager.getConnection(url); System.out.println(" Connection to DataBase created"); Statement stmt=con.createStatement(); String query="select * from emp"; ResultSet rs=stmt.executeQuery(query); while(rs.next()) { System.out.println(" ID : "+ rs.getInt(1)); System.out.println(" name : "+ rs.getString(2)); System.out.println(" Salary : "+ rs.getInt(3)); System.out.println(); } } catch(ClassNotFoundException e) { e.printStackTrace(); } catch(SQLException e) { e.printStackTrace(); } }</p>	4	N	A	2	Driver Loaded Connection to DataBase created ID : 1 name : ramesh S name : ganesh Salary : 1111 ID : 6 name : Sanjay Salary : 9500
205	<p>Consider the following program Select the statement that should be added to the program to get correct output. import java.sql.*; public class JdbcOdbc { public static void main(String args[]) { try { Connection con; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); con = DriverManager.getConnection("jdbc:odbc:datastud"); try { System.out.println("Getting All Rows from a table!"); Statement st = con.createStatement(); ResultSet res =-----("SELECT * FROM college"); System.out.println("student_code: " + "\t" + "student_name: "); while (res.next()) { int i = res.getInt("stud_code"); String s = res.getString("stud_name"); System.out.println(i + "\t" + s); } con.close(); } catch (SQLException s) { System.out.println("SQL code does not execute."); } } catch (Exception e) { System.out.println("Error:connection not created"); } }</p>	4	N	A	2	st.executeQuery()
206	<p>Consider the following program Select the statement that should be added to the program to get correct output. import java.sql.*; public class db15 { public static void main(String args[])throws Exception { Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN", "", ""); PreparedStatement s=c.prepareStatement( "update db3 set Name=? where Roll_no=?"); Statement s=c.createStatement( ); s.setString(1,args[0]); s.setString(2,args[1]); s.setString(3,args[2]); s.executeUpdate(); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+ "\t" + "Roll no" + "\t" + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+ "\t" + rs.getInt(2)+ "\t" + rs.getDouble(3)); } s.close(); c.close(); } }</p>	4	N	A	2	Use statement Class.forName(&quot;sun.jdbc.odbc.JdbcOdbcDriver&quoc
207	<p>Consider the following program Select the statement that should be added to the program to get correct output. import java.sql.*; class create { public static void main main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url=" jdbc:odbc:dsn1"; Connection con=DriverManager.getConnection(url); System.out.println("Connection Established "); String sql="create table employee1(emp_id int,emp_name char)"; PreparedStatement ps1=con.prepareStatement(sql); System.out.println("table created"); ps1.close(); con.close(); } Catch(Exception e) { } }</p>	4	N	A	2	ps1.executeUpdate();
208	<p>Consider the following program Select the statement that should be added to the program to get correct output. import java.sql.*; import java.io.*; public class DeleteRecord4 { public static void main (String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn=DriverManager.getConnection("jdbc:odbc:mcm"); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); System.out.print("Enter rollno to delete:"); int rno=Integer.parseInt(br.readLine()); stmt.setInt(1,rno); stmt.executeUpdate(); System.out.println("Record Deleted"); stmt.close(); conn.close(); br.close(); } catch(ClassNotFoundException ce){} catch(SQLException se){} catch(IOException ie){} }</p>	4	N	A	2	PreparedStatement stmt=conn.prepareStatement(&quot;Delete from S &quot;);
	<p>Consider the following program What correction should be done in the program to get correct output? import java.sql.*; import java.io.*; class Create { public static void main(String[] args)</p>					



209	<pre>{ try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:oraodbc","scott","tiger"); Statement stmt = con.createStatement(); stmt.executeUpdate("create table customers(CUST_NUM int, COMPANYchar(20), CUST_REP int, CREDIT_LIMIT number(7,2))"); stmt.close(); con.close(); System.out.println("Table Successfully created"); } catch(Exception e) { e.printStackTrace(); } }</pre>	4	N	A	2	Missing }
210	<pre>Consider the following program What will be displayed in the output? import java.sql.*; class ConnectionTest { public static void main(String srgs[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver loaded"); String url="jdbc:odbc:xyz"; Connection con=DriverManager.getConnection(url); System.out.println("connection to database created"); } catch(SQLException e) { System.out.pritln("SQL error"); } catch(Exceptionn e) { System.out.println("error"); }</pre>	4	N	A	2	Driver loaded Connection to database created
211	<pre>Consider the following program What will be the output of following Code? import java.sql.*; public class db15 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:DSN2","",""); Statement s=c.createStatement( ); int n=s.executeUpdate("delete from db3"); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+"\\t"+"Roll no"+"\\t"+"Avg"); while(rs.next()) { System.out.println(rs.getString(1)+"\\t"+rs.getInt(2)+"\\t"+rs.getDouble(3)); } s.close(); c.close(); }</pre>	4	N	A	2	Empty Table
212	<pre>Consider the following program Which package should be added to the program to get corret code?. public class db15 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:Mybm","",""); PreparedStatement s=c.prepareStatement("update db3 set Name=? where Roll_no=?"); Statement s=c.createStatement( ); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+"\\t"+"Roll no"+"\\t"+"Avg"); while(rs.next()) { System.out.println(rs.getString(1)+"\\t"+rs.getInt(2)+"\\t"+rs.getDouble(3)); } s.close(); c.close(); }</pre>	4	N	A	2	java.sql.*
213	<pre>Consider the following program ,what should be the correction done in the program to get the correct output import java.sql.*; public class displayemployee { public static void main(String[] args) { Connection con; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Connection established"); } catch(Exception e) { System.out.println("Connection error"); } try { String str="jdbc:odbc:dsn1"; con=DriverManager.getConnection(str,"",""); Statement st=con.createStatement(); ResultSet rs=st.executeQuery("Select*from employee"); int n=rs.getMetaData().getColumnCount(); for(int i=1;i&lt;=n;i++) { System.out.print(rs.getMetaData().getColumnLabel(i)+"\\t"); System.out.println(""); } while(rs.next()) { for(int i=1;i&lt;=n;i++) { System.out.print(rs.getString(i)+"\\t"); } System.out.println(""); } rs.close(); con.close(); } catch(SQLException e) { System.out.print("SQL error"); } }</pre>	4	N	A	2	missing }
214	<pre>Consider the following program . Select the statement that should be added to the program to get correct output. import java.sql.*; class PreparedInsert { public static void main(String a[]) { Try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:javadb"); System.out.println(" Connection to DataBase created"); String a1 = "Insert into employee(id,name,salary) values(?,?,?)"; PreparedStatement ps = con.prepareStatement(a1); ps.execute(a1); System.out.println("Record Inserted"); String querySel = "Select * from employee"; ResultSet rs = ps.executeQuery(querySel); System.out.println("After Insertion"); while(rs.next()) { System.out.println(" ID : "+ rs.getInt(1)); System.out.println(" Name : "+ rs.getString(2)); System.out.println(" Salary : "+ rs.getInt(3)); System.out.println(); } con.close(); } catch(SQLException e) { System.out.println("SQL Error"); } catch(Exception e) { System.out.println("Error"); } }</pre>	4	N	A	2	All the above
215	<pre>Consider the following program and identify the missing statement. import java.sql.*; class ps_isert { public static void main(String args[]) { try{ Class.forName("sun.jddc.odbc.jdbcOdbcDriver"); System.out.println("Driver loaded"); String url="jdbc:obbc:insert1"; Connection con=DriverManeger.getConnection(url); System.out.println("Connection Created"); int r1=11,r2=22; String s1="Madras",s2="Delhi";</pre>	4	N	A	2	missing catch block

	String str="Insert into if6g values(?,?)"; PreparedStatement ps=con.prepareStatement(str); ps.setInt(1,r1); ps.setString(2,s1); int i1=ps.executeUpdate(); System.out.println("data inserted "+i1); String str1="insert into if6g values(?,?)"; PreparedStatement ps1=con.prepareStatement(str1); ps1.setInt(1,r2); ps1.setString(2,s2); int i2=ps1.executeUpdate(); System.out.println("data inserted "+i2); con.close(); ps.close(); } } }					
216	Consider the following program and identify the missing statement. class Type4_simple { public static void main(String[] args) {try { Class.forName("oracle.jdbc.driver.OracleDriver"); String url="jdbc:oracle:thin:@pearl:1521:oracle10g"; Connection conn = DriverManager.getConnection(url,"java","java"); System.out.println("successfully connected"); } catch(Exception e){e.printStackTrace()} } }	4	N	A	2	Missing semicolon & Package Statement
217	Consider the following program and identify the missing statement. public class SimpleDemo { public static void main(String[] args) { Connection con=null; Statement stmt=null; ResultSet rs=null; try { String jdbcurl="jdbc:mysql://localhost:3306/test"; con=DriverManager.getConnection(jdbcurl, "root", "root"); System.out.println("Connection established"); stmt=con.createStatement(); rs=stmt.executeQuery("select * from emp"); System.out.println("Empid \t Emap name \t City \t Salary"); while(rs.next()) { System.out.print(rs.getInt(1)+"\t"); System.out.print(rs.getString(2)+"\t"); System.out.print(rs.getString(3)+"\t"); System.out.print(rs.getFloat(4)); System.out.println(); } } catch(ClassNotFoundException e) { e.printStackTrace();} catch(SQLException e) {e.printStackTrace()} finally {try { rs.close(); stmt.close(); con.close(); } catch(Exception e){}} }	4	N	A	2	All of the above
218	Consider the following program What should be the correction done in the program to get the correct output? import java.sql.* class ExecuteQueryTest { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver loaded"); String url="jdbc:odbc:xyz"; Connection con = DriverManager.getConnection(url); Statement state =con.createStatement(); System.out.println("Statement object created"); String sql= "select Name,Age from student"; ResultSet rs =state.executeQuery(sql); String text = " "; while (rs.next()) { text+= rs.getString(1) + " " + rs .getInt (2) + "\n" ; } System.out.println(text); } catch(Exception e) { System.out.println("error"); } } }	4	N	U	2	missing semicolon
219	Consider the following program, it has 10 Records in the Table. What will be the output of following Code? import java.sql.*; public class db15 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:DSN2","",""); Statement s=c.createStatement( ); int n=s.executeUpdate("update table set name="Ramesh"); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+" \t"+"Roll no"+" \t"+"Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t"+rs.getInt(2)+" \t"+rs.getDouble(3)); } s.close(); c.close(); } }	4	N	A	2	Ramesh name will be given to all the records
220	Consider the following program,Select the statement that should be added to the program to get correct output. import java.sql.*; public class db15 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN","",""); PreparedStatement s=c.prepareStatement( "update db3 set Name=# where Roll_no=#"); Statement s=c.createStatement( ); s.setString(1,args[0]); s.setString(2,args[1]); s.setString(3,args[2]); s.executeUpdate(); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+"\t"+"Roll no"+" \t"+"Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t"+rs.getInt(2)+" \t"+rs.getDouble(3)); } s.close(); c.close(); } }	4	N	A	2	use ? in PreparedStatement
221	Consider the following program,Select the statement that should be added to the program to get correct output. import java.sql.*; public class db15 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN","",""); PreparedStatement s=c.prepareStatement( "update db3 set Name=? where Roll_no=?"); Connection con =s.createStatement(); s.setString(1,args[0]); s.setString(2,args[1]); s.setString(3,args[2]); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+"\t"+"Roll no"+" \t"+"Avg"); while(rs.next()) {	4	N	A	2	Connection con =s.createStatement();

	<pre>System.out.println(rs.getString(1)+"\t"+rs.getInt(2)+"\t"+rs.getDouble(3)); } s.close(); c.close(); } }</pre>					
222	<p>Consider the following program,Select the statement that should be added to the program to get correct output. import java.sql.*; public class db15 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN","",""); PreparedStatement s=c.prepareStatement( "update db3 set Name=? where Roll_no=?"); Statement s=c.createStatement( ); s.setString(1,args[0]); s.setString(2,args[1]); s.setString(3,args[2]); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+"\t"+"Roll no"+ "\t"+"Avg"); while(rs.next()) { System.out.println(rs.getString(1)+"\t"+rs.getInt(2)+"\t"+rs.getDouble(3)); } s.close(); c.close(); } }</p>	4	N	A	2	s.executeUpdate()
223	<p>Consider the following program. Select the statement that should be added to the program to get correct output. import java.sql.*; class Jdbc6 { public static void main(String[] args) {try { Class.forName("oracle.jdbc.driver.OracleDriver"); String url="jdbc:oracle:thin:@pearl:1521:oracle10g"; Connection conn=DriverManager.getConnection(url,"java","java"); System.out.println("Hello ur sueecssfully concted"); int i=st.executeUpdate("insert into Department67 values(104,'E&amp;TC')"); System.out.println(i); } catch(Exception e) {System.out.println(e); } }}</p>	4	N	A	2	Statement st=conn.createStatement();
224	<p>Consider the following program. What should be added in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN","",""); Statement s=c.createStatement(); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); } s.close(); c.close(); } }</p>	4	N	A	2	ResultSet rs=s.executeQuery("select * from StudTable");
225	<p>Consider the following program. What should be the ***** value in the program to get correct output? public class MyPreparedStatement { public static void main(String a[]){ Connection con = null; PreparedStatement prSt = null; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:MyDSN"); String query = "insert into emp(name,salary) values(?,?)"; prSt = con.prepareStatement(query); prSt.*****(1, "John"); prSt.***** (2, 10000); int count = prSt.executeUpdate(); } catch (ClassNotFoundException e) { e.printStackTrace(); } catch (SQLException e) { e.printStackTrace(); } finally{ try{ if(prSt != null) prSt.close(); if(con != null) con.close(); } catch(Exception ex){ } } }</p>	4	N	A	2	setString,setInt
226	<p>Consider the following program. What should be the correction done in the program to get correct output? class Demo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN","",""); Statement s=c.createStatement(); int rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" ); while(rs.next) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)); } s.close(); c.close(); } }</p>	4	N	A	2	Missing package
227	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class JdbcTest { public static void main(String a[]) { try { Class.forName("Sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:xyz"); PreparedStatement stmt = con.prepareStatement("Insert into employee values(?,?,?,?)"); stmt.setInt(1,23); stmt.setString(2,"Roshan"); stmt.setString(3,"Sales"); stmt.setString(4,"Manager"); stmt.setInt(5,20000); stmt.executeUpdate(); con.close(); catch (ClassNotFoundException e) { System.out.println(e); } catch (SQLException e) { System.out.println(e); } }</p>	4	N	A	2	Missing }
228	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class JdbcDemo { public static void main (String args[]) throws Exception { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:mysdn"); PreparedStatement ps=con.PrepareStatement("insert into employee values(200,'amol')"); int</p>	4	N	A	2	PreparedStatement ps=con.prepareStatement("insert into emplo values(?,?)"); ps.setInt(1,200); ps.setString(2,"amol");

	<pre>i=ps.executeUpdate(); if(i==1) System.out.println("row inserted"); else System.out.println("operation failed"); ps.close(); con.close(); } catch(Exception e) { } }</pre>					
229	<pre>Consider the following program. What should be the correction done in the program to get correct output? class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); } s.close(); c.close(); } }</pre>	4	N	A	2	import java.sql.*;
230	<pre>Consider the following program. What should be the correction done in the program to get correct output? class PrepareSt { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:oraodbc","scott","tiger"); PreparedStatement ps = con.prepareStatement("Select * from CUSTOMERS where CREDIT_LIMIT &gt;= ?"); ps.setInt(1,50000); ResultSet rs=ps.executeQuery(); System.out.println("CUST_NUM" + "\tCOMPANY" + "\t\tCUST_REP" + "\tCREDIT_LIMIT"); while(rs.next()) { int no=rs.getInt(1); String company=rs.getString(2); int rep=rs.getInt(3); double credit=rs.getDouble(4); System.out.println(no+"\t"+company+"\t"+rep+"\t"+credit); } rs.close(); ps.close(); con.close(); } catch(Exception e) { e.printStackTrace(); } }</pre>	4	N	A	2	Missing Package statement
231	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.* class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); s.close(); c.close(); } }</pre>	4	N	A	2	Missing semicolon
232	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class dbAccess { public static void main(String[] args)throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn = DriverManager.getConnection("jdbc:odbc:ab", "", ""); Statement s = conn.createStatement(); String s1="update Table1 set name1='akash' where rollno=1"; s.executeQuery(s1); s.close(); conn.close(); } }</pre>	4	N	A	2	s.executeUpdate(s1)
233	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class dbAccess { public static void main(String[] args)throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn = DriverManager.getConnection("jdbc:odbc:ab", "", ""); String s1="update Table1 set name1='akash' where rollno=1"; s.executeQuery(s1); s.close(); conn.close(); } }</pre>	4	N	A	2	mssing try and catch block
234	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class JdbcConnection { public static void main(String a[]){ try { Class.forName("Sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:abc"); Statement stmt = con.createStatement(); String s1="select company,num,cost,memory_capacity from comp order by num"; ResultSet rs=stmt.executeQuery(s1); System.out.println("Company"+" "+ "num"+" "+ "cost"+" "+memory_capacity"); System.out.println(); While(rs.next()) { System.out.println(rs.getString("company")+" "+rs.getInt("num")+ " "+rs.getInt("cost")+ "+rs.getString("memory_capacity") ) } con.close(); } catch (ClassNotFoundException e) { System.out.println(e); } catch (SQLException e) { System.out.println(e); } }</pre>	4	N	A	2	Missing semicolon
235	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class JdbcConnection { public static void main(String a[]){ try { Class.forName("Sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:abc"); Statement stmt = con.createStatement(); System.out.println("Created DB Connection...."); } catch (ClassNotFoundException e) { System.out.println(e); } catch (SQLException e) { System.out.println(e); } }</pre>	4	N	A	2	Missing }
	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class JdbcTest { public static void main(String a[]){ try { Class.forName("Sun.jdbc.odbc.JdbcOdbcDriver"); Connection con =</pre>					

236	<pre> DriverManager.getConnection("jdbc:odbc:xyz"); Statement stmt = con.createStatement(); stmt.executeUpdate("delete from student"); con.close(); } catch (ClassNotFoundException e) { System.out.println(e); } catch (SQLException e) { System.out.println(e); } } </pre>	4	N	A	2	Error in creation of Statement object
237	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class JdbcTest { public static void main(String a[]){ try { Class.forName("Sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:xyz"); stmt.executeUpdate("Update Employee set Basic= Basic+(Basic*0.10)"); ResultSet rs=stmt.executeQuery("Select * from Employee"); while(rs.next()) { System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+rs.getString(4)+" "+rs.getFloat(5)); } con.close(); stmt.close(); } catch (ClassNotFoundException e) { System.out.println(e); } catch (SQLException e) { System.out.println(e); } } } </pre>	4	N	A	2	con.createStatement()
238	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; public class MyResultSetEx { public static void main(String a[]){ try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:MyDSN"); Statement stmt = con.createStatement(); System.out.println("Created DB Connection...."); ResultSet rs = stmt.executeUpdate("select name, salary from emp"); while(rs.next()){ System.out.println(rs.getString("name")); System.out.println(rs.getInt("salary")); } rs.close(); con.close(); } catch (ClassNotFoundException e) { e.printStackTrace(); } catch (SQLException e) { e.printStackTrace(); } } } </pre>	4	N	A	2	replace executeUpdate with executeQuery
239	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); s.close(); c.close(); } } </pre>	4	N	A	2	Missing }
240	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws ArrayIndexOutOfBoundsException { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); s.close(); c.close(); } } </pre>	4	N	A	2	add try and catch block
241	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t \t"+rs.getDouble(3)); s.close(); c.close(); } } </pre>	4	N	A	2	Write executeQuery
242	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); s.close(); c.close(); } } </pre>	4	N	A	2	Error in main()
243	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t </pre>	4	N	A	2	Missing }

	<pre>" +rs.getInt(2)+" \t \t"+rs.getDouble(3)); s.close(); c.close(); } }</pre>					
244	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection(); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t \t"+rs.getDouble(3)); } s.close(); c.close(); } }</p>	4	N	A	2	DriverManager.getConnection()
245	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");System.out.println("Driver Loaded Successfully");} catch(SQLException) { System.out.println("SQL Error has Occured"); } } }</p>	4	N	A	2	SQL Error has Occured
246	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t \t"+rs.getDouble(3)); } s.close(); c.close(); } }</p>	4	N	A	2	Missing try and catch statement.
247	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Ddemo1 { { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t \t"+rs.getDouble(3)); } s.close(); c.close(); } }</p>	4	N	A	2	Missing main()
248	<p>Consider the following program. What should be the correction done in the program to get correct output? Import java.sql.*; Class Test { Public static void main(String args[]) { try { System.out.println("Drivers are properly loaded"); String url="jdbc:odbc:abc"; System.out.println("Connection Established"); con.close(); } catch(SQLException e) { System.out.println("SQL Error has occurred "); catch(Exception e) { System.out.println("Error! Connection not established"); } } }</p>	4	N	A	2	Connection con=DriveManager.getConnection(url);
249	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class Testdemo { public static void main(String srgs[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver loaded"); String url="jdbc:odbc:info"; Connection con=DriverManager.getConnection(str); System.out.println("connection to database created"); Statement smt=con.createStatement(); System.out.println("Statement object created"); String sql="Select Name,Age from Amol"; ResultSet result=smt._____ String text=""; while(result.next()) { text +=result.getString(1)+" "+results.getInt(2)+"\n"; } System.out.println(text); } catch(SQLException e) { System.out.pritln("SQL error"); } catch(Exceptionn e) { System.out.println("error"); } }</p>	4	N	A	2	Missing } and Incomplete ResultSet Statement
250	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; import java.io.*; class Deleterecord { public static void main(String[] args) { ResultSet rs; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:oraodbc","scott","tiger"); Statement stmt = con.createStatement(); stmt.executeUpdate("delete from CUSTOMERS where CUST_NUM = 101"); rs = stmt.executeQuery("select * from customers"); System.out.println("CUST_NUM" + "\tCOMPANY" + "\tCUST_REP" + "\tCREDIT_LIMIT"); while(rs.next()) { int no=rs.getInt(1); String company=rs.getString(2); int rep=rs.getInt(3); double credit=rs.getDouble(4); System.out.println( no + "\t\t"+company + "\t" + rep + "\t\t" + credit); } stmt.close(); System.out.println("Record Successfully deleted"); }catch(Exception e) { e.printStackTrace(); } } }</p>	4	N	A	2	Missing close statement
	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; import java.io.*; class SelectRow { { ResultSet rs; try {</p>					

251	<pre> Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:oraodbc","scott","tiger"); Statement stmt = con.createStatement(); rs = stmt.executeQuery("select * from CUSTOMERS"); System.out.println("CUST_NUM" + "\tCOMPANY" + "\tCUST_REP" + "\tCREDIT_LIMIT"); while(rs.next()) { System.out.println(rs.getInt("CUST_NUM") + "\t" + rs.getString("COMPANY") + "\t" + rs.getInt("CUST_REP") + "\t" + rs.getInt("CREDIT_LIMIT")); } stmt.close(); con.close(); System.out.println("Records successfully selected"); }catch(Exception e) { e.printStackTrace(); } } </pre>	4	N	A	2	Missing main()
252	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.io.*; import java.sql.*; import java.util.*; class dri { public static void main(String x[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver registered with the driver manager class"); System.out.println("connected"); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); System.out.println("Enter Roll no"); int a=Integer.parseInt(br.readLine()); System.out.println("Enter name"); String b=br.readLine(); System.out.println("Enter branch"); String c=br.readLine(); System.out.println("Enter Marks"); int d=Integer.parseInt(br.readLine()); //query for inserting values in the table PreparedStatement p=con.prepareStatement("insert into stud values(?,?,?,?)"); p.setInt(1,a); p.setString(2,b); p.setString(3,c); p.setInt(4,d); p.executeUpdate(); System.out.println("Record inserted") } catch(Exception e) { System.out.println(e); } } } </pre>	4	N	A	2	Missing connection
253	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class StudentData { public static void main(String args[]) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver") Connection con = DriverManager.getConnection("jdbc:odbc:stud"); Statement st = con.createStatement(); ResultSet rs = st.executeQuery("select * from Student"); System.out.println("The Database is:-"); System.out.println("Roll\tName\tMarks Pass Birth-Date"); System.out.println("====="); while(rs.next()) int roll = rs.getInt(1); String name = rs.getString(2); int marks = rs.getInt("Marks"); boolean pass = rs.getBoolean(4); Date d = rs.getDate(5); System.out.printf("%-5d",roll); System.out.printf("%-10s",name); System.out.printf("%-6d",marks); if(pass) System.out.printf("Yes "); else System.out.printf("No "); System.out.printf("%-15s\n",d.toString()); con.close(); } (Exception e){ } } } </pre>	4	N	A	2	All the Above
254	<pre> Consider the following program. What should be the correction done in the program to get correct output? class demo { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:PC","",""); Statement st=c.createStatement(); st.execute("create table PCMODEL(Industry String,SNO Int,Model String"); st.execute("insert into PCMODEL values('ABC',1,'A')"); st.execute("insert into PCMODEL values('BCD',2,'B')"); st.execute("insert into PCMODEL values('CDE',3,'C')"); ResultSet rs=st.executeQuery("Select*from PCMODEL"); System.out.println("Indust"+" "+"SNO"+" "+"Model"); while(rs.next()) { System.out.println(rs.getString(1)+" "+" "+rs.getString(3)); } st.close(); c.close(); } } </pre>	4	N	A	2	missing package statement
255	<pre> Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class demo11 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:PC","",""); Statement st=c.createStatement(); st.execute("create table PCMODEL(Industry String,SNO Int,Model String"); st.execute("insert into PCMODEL values('ABC',1,'A')"); st.execute("insert into PCMODEL values('BCD',2,'B')"); st.execute("insert into PCMODEL values('CDE',3,'C')"); ResultSet rs=st.executeQuery("Select*from PCMODEL"); System.out.println("Indust"+" "+"SNO"+" "+"Model"); while(rs.next()) { System.out.println(rs.getString(1)+" "+" "+rs.getString(3)); } st.close(); } } </pre>	4	N	A	2	missing c.close();
	<pre> Consider the following program. What should be the correction done in the program to get correct output? i public class displayemployee { public static void main(String[] args); { Connection con; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Connection established"); } catch(Exception e) { </pre>					

256	<pre>System.out.println("Connection error"); } try { String str="jdbc:odbc:dsn1"; con=DriverManager(str,"",""); Statement st=con.createStatement(); ResultSet rs=st.executeQuery("Select*from employee"); int n=rs.getMetaData().getColumnCount(); for(int i=1;i&lt;=n;i++) { System.out.print(rs.getMetaData().getColumnLabel(i)+"\t"); } System.out.println(""); while(rs.next()) { for(int i=1;i&lt;=n;i++) { System.out.print(rs.getString(i)+'\t'); } System.out.println(""); } rs.close(); con.close(); } catch(SQLException e) { System.out.print("SQL error"); } } }</pre>	4	N	A	2	all of the above
257	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class login1 { public static void main(String args[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn= DriverManager.getConnection("jdbc:odbc:mcm"); Statement stmt = conn.createStatement() ResultSet rs= stmt.executeQuery("select password from login where login="+args[0]+""); if(rs.next()) { if(args[1].equals(rs.getString(1))) System.out.println("Login succesfully"); else System.out.println("Wrong Password"); } else System.out.println("Login Name Not Found"); rs.close(); stmt.close(); conn.close(); } catch(ClassNotFoundException ce) {System.out.println("1");} catch(SQLException se){ } }</pre>	4	N	A	2	error in createState() and semicolon missing
258	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; import java.io.*; public class InsertRecord2 { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn=DriverManager.getConnection("jdbc:odbc:"); Statement stmt=conn.createStatement(); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); System.out.println("\nEnter userid:"); String uid=br.readLine(); System.out.println("\nEnter password:"); String ps=br.readLine(); stmt.executeUpdate("insert into login values(" "+uid+" ',' "+ps+" '"); System.out.println("Record Inserted....."); stmt.close(); conn.close(); br.close(); } catch(ClassNotFoundException ce){} catch(SQLException se){} catch(IOException ie){} } }</pre>	4	N	A	2	missing database name
259	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class StudentData { public static void main(String args[]) ; { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:stud"); Statement st = con.createStatement(); ResultSet rs = st.executeQuery("select * from Student"); System.out.println("The Database is:-"); System.out.println("Roll\tName\t\tMarks Pass Birth-Date"); System.out.println("====="); while(rs.next()) { int roll = rs.getInt(1); String name = rs.getString(2); int marks = rs.getInt("Marks"); boolean pass = rs.getBoolean(4); Date d = rs.getDate(5); System.out.printf("%-5d",roll); System.out.printf("%-10s",name); System.out.printf("%-6d",marks); if(pass) System.out.printf("Yes "); else System.out.printf("No "); System.out.printf("%-15s\n",d.toString()); } con.close(); } }</pre>	4	N	A	2	Error in main()
260	<pre>Consider the following program. What should be the correction done in the program to get correct output?import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception; { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); } s.close(); c.close(); } }</pre>	4	N	A	2	Error in main()
261	<pre>Consider the following program. What should be the method used in following program to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.get*****("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); s.close(); c.close(); } }</pre>	4	N	A	2	Connection()
	<pre>Consider the following program. What will be the output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection</pre>					



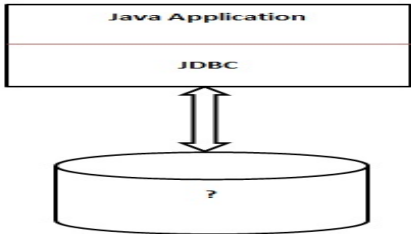
262	<pre>c=DriverManager.getConnection("jdbc:odbc:ODSN", "", ""); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select * from StudTable"); System.out.println("Name" + "\t" + "Roll_No" + "\t" + "Avg"); while(rs.next()) System.out.println(rs.getString(1)+"\t "+rs.getInt(2)+"\t "+rs.getDouble(3)); s.close(); c.close(); } }</pre>	4	N	A	2	Display All the Records of StudTable
263	<pre>Consider the following program. Which statement is missing to get correct output? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", "", ""); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + "\t" + "Roll_No" + "\t" + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+"\t "+rs.getInt(2)+"\t "+rs.getDouble(3)); } s.close(); } }</pre>	4	N	A	2	Connection c not closed
264	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; class ConnectDB { public static void main(String a[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:javadb"; Connection con=DriverManager.getConnection(url); System.out.println(" Connection to DataBase created") } catch(SQLException e) { System.out.println(" Error"+e); } catch(Exception e) { System.out.println(" Error"+e); } } }</pre>	4	N	A	2	Missing Semicolon
265	<pre>Consider the following program. What should be the correction done in the program to get correct output? import java.sql.*; import javax.swing.*; import java.io.*; class datadd { public static void main(String a[]) { try { Driver d= new sun.jdbc.odbc.JdbcOdbcDriver(); DriverManager.registerDriver(d); Connection con =DriverManager.getConnection("Jdbc:Odbc:xxx"); Statement s=con.createStatement(); ResultSet rs=s.executeQuery("Select * from Table1 ") while(rs.next()) { String n=rs.getString("name"); System.out.println("name:"+n); String n1=rs.getString("rollnu"); System.out.println("rollnumber:"+n1); } con.close(); } catch(Exception e) { System.out.println("not Deleted"+e); } }</pre>	4	N	A	2	Missing semicolon and }
266	<pre>Consider the following program. In which statement there is an error? import java.sql.*; class DBEx { public static void main(String args[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c = DriverManager.openConnection("jdbc:odbc:mysdn", "", ""); Statement s=c.createStatement(); ResultSet rs = s.executeQuery("select * from StudTable"); while(rs.next()) { System.out.println("Roll No. : "+rs.getInt(1)); System.out.println("Name : "+rs.getString(2)); System.out.println("Branch : "+rs.getString("Branch")+"\n"); } s.close(); c.close(); }catch(Exception e) { System.out.println("Caught: "+e); } }</pre>	4	N	A	2	Error in Connection statement
267	<pre>Consider the following program. Select the statement that should be added to get correct output. import java.sql.*; class DBEx { public static void main(String args[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c = DriverManager.getConnection("jdbc:odbc:mysdn", "", ""); ResultSet rs = s.executeQuery("select * from StudTable"); while(rs.next()) { System.out.println("Roll No. : "+rs.getInt(1)); System.out.println("Name : "+rs.getString(2)); System.out.println("Branch : "+rs.getString("Branch")+"\n"); } s.close(); c.close(); }catch(Exception e) { System.out.println("Caught: "+e); } }</pre>	4	N	A	2	Statement s = c.createStatement();
268	<pre>Consider the following program. What should be the correction done in the program to get correct output?. import java.sql.*; public class createdemo { public static void main(String args[])throws Exception { try { Connection con; Statement st; ResultSet rs; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); st=con.createStatement(); rs=st.executeQuery("select * from studata"); System.out.println("Name"+" \t"+"RollNo"+" \t"); while(rs.next()) { System.out.print(rs.getString("name")+"\t"+rs.getInt("rollno")+"\t"); System.out.println(); } st.close(); rs.close(); con.close(); } catch(Exception e) { System.out.println(e); } }</pre>	4	N	A	2	Statement missing
	<pre>Consider the following program. What should be the correction done in the program to get correct output?. import java.sql.*; public class isert { public static void main(String args[])throws Exception { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:dsn10"); String r1=("insert into</pre>					

269	<pre> stt(name,rollno,city)values('RAJ',12,'THANE'); Statement st=con.createStatement(); st.executeUpdate(r1); st.execute("select * from stt"); ResultSet rs= st.getResultSet(); System.out.println("Name"+"\\t"+"RollNo"+"\\t"+"City"); while(st.next()) { System.out.print(rs.getString("name"+"\\t"+rs.getInt("rollno"+"\\t"+rs.getString("city")); System.out.println(); } st.close(); rs.close(); con.close(); } catch(Exception e) { System.out.println(e); } } </pre>	4	N	A	2	rs.next()
270	<p>Consider the following program. What should be the correction done to get correct output?</p> <pre> import java.sql.*; class DBEx { public static void main(String args[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c = DriverManager.getConnection("jdbc:odbc:mydsn", "", ""); PreparedStatement ps = c.prepareStatement("insert into Student values(*, *, *)"); ps.setInt(1,100); ps.setString(2,"zaz"); ps.setString(3,"FYCO"); ps.executeUpdate(); c.close(); }catch(Exception e) { System.out.println("Exception generated: "+e); } } } </pre>	4	N	A	2	Use ? symbol instead of * symbol
271	<p>Consider the following program. What should be the correction done to get correct output?</p> <pre> import java.sql.*; class DBEx { public static void main(String args[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c = DriverManager.getConnection("jdbc:odbc:mydsn", "", ""); Statement s = c.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_UPDATABLE); s.executeUpdate("insert into Student values(8,'H','FYCO'); c.close(); }catch(Exception e) { System.out.println("Exception generated: "+e); } } } </pre>	4	N	A	2	No correction is required
272	<p>Consider the following program. Which two exceptions are thrown? package javaapplication21; import java.sql.*; public class db15 { public static void main(String args[]) throws _____, _____ { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN", "", ""); System.out.println("Connection Established"); } }</p>	4	N	A	2	ClassNotFoundException, SQLException
273	<p>Consider the following program.Find error in the program. import java.sql.*; public class dbAccess { public static void main(String[] args)throws Exception { Class.forName("sun:jdbc:odbc:JdbcOdbcDriver"); Connection conn = DriverManager.getConnection("jdbc:odbc:ab", "", ""); Statement s = conn.createStatement(); String s1="update Table1 set name1='akash' where rollno=1"; s.executeUpdate(s1); s.close(); conn.close(); } }</p>	4	N	A	2	exception in main class notfound sun:jdbc:odbc:JdbcOdbcDriver
274	<p>Consider the following program.Find out the output ? import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", "", ""); PreparedStatement s=c.prepareStatement("insert into student values (?,?); s.setString(1,"Riya"); s.setString(2,17); int i=s.executeUpdate(); System.out.println("Record Updated"); s.close(); c.close(); } }</p>	4	N	A	2	Riya will be inserted in first column and 17 will be inserted in second col
275	<p>Consider the following program.Find which statement contains error. import java.io.*; class Demp1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:student", "", ""); String str="insert into studTable values(11,'ramesh'); Statement s=c.createStatement(str); s.executeUpdate(); System.out.println("Data inserted."); s.executeUpdate(); s.close(); c.close(); } }</p>	4	N	A	2	Error in package
276	<p>Consider the following program.Select the statement that should be added to the program to delete the record from student table. import java.sql.*; public class Delete { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:shree"); Statement stm = con.createStatement(); String query ="delete from student where rollno=1"; } catch (Exception ex) { System.out.println(ex); } } }</p>	4	N	A	2	stm.executeUpdate(query);
277	<p>Consider the following program.Select the statement that should be added to the program to get correct output. import java.sql.*; import java.io.*; class Drop { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:oraodbc", "scott", "tiger"); Statement stmt = con.createStatement(); stmt.executeUpdate("drop table CUSTOMERS"); ResultSet rs =</p>	4	N	A	2	con.close()

	<pre>stmt.executeQuery("select * from tab"); System.out.println("TNAME" + "\t\tTABTYPE" + "\t\tCLUSTERID"); while(rs.next()) { String name = rs.getString(1); String type = rs.getString(2); String clus = rs.getString(3); System.out.println( name + "\t\t" + type + "\t\t" + clus); } con.close(); System.out.println("Customer Table successfully dropped"); } catch(Exception e) { e.printStackTrace(); } }</pre>					
278	Consider the following program.What should be added to the program to get the correct output. <pre>import java.sql.*; public class Prepare_Demo { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:DATA"); PreparedStatement ps = con.prepareStatement("insert into User (ID,Name1,City,Age)values(?,?,?,?)"); ps.setInt(1,20); ps.setString(2, "Abc"); ps.setInt(4,31); ps.setString(3, "Pune"); System.out.println("inserted"); con.close(); } catch (Exception e) { System.out.println(e); } }</pre>	4	N	A	2	<pre>ps.executeUpdate();</pre>
279	Consider the following programe & find the error statement. <pre>import java.sql.*; class Test{ public static void main(String ar[]){ try{ String url="jdbc:odbc:mysdsn"; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection(url); ResultSet rs=st.executeQuery("select * from login"); while(rs.next()){ System.out.println(rs.getString(1)); } }catch(Exception ee) {System.out.println(ee);} }</pre>	4	N	A	2	Missing Statement <pre>st=c.createStatement();</pre>
280	Consider the given code.What should be the correction in the program to get correct output? <pre>import java.sql.*; public class SelectDemo { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:DATA"); Statement s = con.createStatement(); s.execute(query); ResultSet rs = s.getResultSet(); while(rs.next()) { System.out.print("Id : "+rs.getString(1)); System.out.print(" , Name : "+rs.getString(2)); System.out.print(" , City : "+rs.getString(3)); System.out.println(" and Age : "+rs.getString(4)); } s.close(); con.close(); } catch (Exception e) { System.out.println("Exception : "+e); } }</pre>	4	N	A	2	Type of exception not mentioned
281	<pre>createStatement( )</pre> method returns_____	4	N	R	2	Statement object
282	database programming using Java throws which exception?	4	N	R	2	SQLException
283	DatabaseMetaData are retrieved through _____.	4	N	R	2	Connection object
284	<pre>DatabaseMetaData md=rs.getMetaData(); System.out.println("Database is:"+md.getDatabaseProductName() ); System.out.println("SQL Keywords is:"+md.getSQLKeywords());</pre> What does the above code give us:	4	N	A	2	Object of Database, database product name and Database SQLkeyword
285	Debug the following code and find which statement contains error. <pre>import java.sql.*; import java.io.*; class DemoInsert { public static void main(String args[]) { Connection con; Statement stmt; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); con=DriverManager.createConnection("Jdbc:Odbc:empDsn","",""); stmt=con.createStatement(); String qry="insert into emp values (123,'Ram)"; int res=stmt.executeQuery(qry); if(res&gt;0) System.out.println("Record Inserted Successfully"); stmt.close(); con.close(); }catch (Exception ex) { } }</pre>	4	N	A	2	All of the above
286	Debug the following code and find which statement contains error. <pre>import java.sql.*; import java.io.*; class DemoInsertRecord { public static void main(String args[]) { Connection con; Statement stmt; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); con=DriverManager.getConnection("Jdbc:Odbc:student","",""); stmt=con.createStatement(); String insQuery="insert into stud values (12,'abc)"; int res=stmt.executeQuery(insQuery); if(res&gt;0) System.out.println("Record Inserted Successfully"); stmt.close(); con.close(); }catch (Exception ex) { } }</pre>	4	N	A	2	Error in statement where <pre>executeQuery()</pre> method is called
287	DriverManager class does not provides methods for _____	4	N	R	2	Executing sql statement and retrieving results
288	<pre>executeQuery()</pre> method returns_____	4	N	R	2	ResultSet object
289	Find Correction in following statment to prepare prepareStatement Object. <pre>PreparedStatement pstmt; String query = "select deptno, deptloc from dept where deptno &gt; ? AND deptname=?"; rs = pstmt.executeQuery();</pre>	4	N	U	2	<pre>pstmt = con.prepareStatement(query); pstmt.setInt(1, 1001); pstmt.setString(2,"Pune");</pre>
	Find Errors <pre>import java.sql.*; class Test{ public static void main(String ar[])throws Exception {</pre>					

290	String url="jdbc:odbc:mysdn"; Connection c=DriverManager.getConnection(url); } }	4	N	A	2	Drivers are not loaded
291	Find Errors import java.sql.*; class Test{ public static void main(String ar[])throws Exception { String url="jdbc:odbc:st"; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers Loaded"); Connection c=DriverManager.getConnection(); } }	4	N	A	2	no url is passed for getConnection method
292	Find Missing Statemt in program. import java.sql.*; import java.net.*; class conn { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver are properly loaded"); String url="jdbc:odbc:student"; System.out.println("connection Established"); con.close(); } catch(SQLException e) { System.out.println("SQL Error has Occurred"); } catch(Exception e) { System.out.println("Error!Connection not Established"); } } }	4	N	U	2	Connection con=DriverManager.getConnection(url);
293	find out the error in the following program to get correct output? import java.sql.*; import java.io.*; class InsertDemo { public Static void Main(String args[]) { int c=0; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String myURL="jdbc:odbc:college"; Connection con=DriverManager.getConnection(myURL); Statement st=con.createStatement(); c=st.executeUpdate("insert into emp values(1,4000)") if(c!=0) System.out.println("Record inserted"); else System.out.println("Record NOT inserted"); con.close(); }catch(Exception e){} } }	4	N	A	2	error in main()
294	Find out the missing statement to get the correct output in bellow program import java.sql.*; class stud2 { public static void main(String ar[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:studdsn"); Statement s1; ResultSet res; System.out.println("Before deletion"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getString(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } Statement st=con.createStatement(); st.executeUpdate("delete from student where Roll_No=2"); System.out.println("deleted"); System.out.println("After deletion"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getString(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } } }	4	N	A	2	s1=con.createStatement();
295	Find out the statement containing error. import java.sql.*; import java.io.*; class DisTable1 { public static void main(String args[]) { int id=0; String name="",addr="",check=""; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection cn=DriverManager.getConnection("jdbc:odbc:mysdn"); PreparedStatement pst=cn.prepareStatement("select * from emp"); ResultSet rs=pst.executeQuery(); System.out.println("EmpId\t"+name+"\t"+Address"); while(rs.next()) { System.out.print(rs.getInt(1)+"\t"); System.out.print(rs.getString(2)+"\t"); System.out.print(rs.getString(3)+"\n"); } cn.close(); }catch(Exception e){} } }	4	N	A	2	Statement where prepared statement is created
296	Find the error in following program. import java.sql.*; class conn3 { public static void main(String h[]) { try { int i; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver are properly loaded"); String url="jdbc:odbc:abc1"; Connection con=DriverManager.getConnection(url); System.out.println("connection established"); PreparedStatement state=con.prepareStatement("select Name,Age from stud9 where Age=?"); System.out.println("statement obj created"); String sql="select Name,Age from stud9 where Age=?"; int Age=2; state.setInt(1,Age); ResultSet rs=state.executeQuery(); String text=""; while(rs.next()) { text=text+rs.getString(1)+" "+rs.getInt(2); } System.out.println(text); } catch(SQLException e) { System.out.println("Sql error has occurred"+e.getMessage()); } catch(Exception e) { System.out.println("error!connection not establishd"+e.getMessage()); } } }	4	N	A	2	Error in PreparedStatement
297	Find the error in the following program import java.sql.*; public class dbDemo2 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN","",""); Statement s=c.createStatement("select* from student"); ResultSet rs=s.executeQuery(); System.out.println("Name"+"\t"+"Roll no"+" \t"+"Avg"); while(rs.next()) {System.out.println(rs.getString(1)+"\t"+rs.getInt(2)+"\t"+rs.getDouble(3)); } s.close(); c.close(); } }	4	N	A	2	Both A and C

298	Find the error in the following program <pre>import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); s.executeQuery("create table emp(empno number, name text)"); s.close(); c.close(); } }</pre>	4	N	A	2	error in call to execute method i.e.s.executeQuery()
299	Find the error in the given code <pre>import java.sql.*; class Mydatabase1 { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); Connection c=Drivermanager.getConnection("jdbc:odbc:MYDSN", " ", " "); System.out.println("Connection Established"); } catch(Exception e) { System.out.println(e); } }</pre>	4	N	A	2	Drivermanager class name is incorrect
300	Find the error in the given code <pre>import java.sql.*; class Mydatabase1 { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); Connection c=DriverManager.getConnection("jdbc:odbc:Employee", " ", " "); System.out.println("Connection Established"); PreparedStatement p=c.prepareStatement("insert into Employee values(?,?)"); p.setString(1,"ABC"); p.setInt(2,1); p.executeUpdate(); p.setString(1,"Ramesh"); p.setInt(2,2); p.executeUpdate(); System.out.println("Record Inserted in Table"); p.close(); c.close(); } catch(Exception e) { System.out.println(e); } }</pre>	4	N	A	2	Syntax of SetInt & SetString is incorrect
301	Find the error in the given code <pre>Statement st=c.createStatement(); ResultSet rs=st.executeQuery("Select * from StudTable"); while(rs.next()) { System.out.println(rs.getString(1)+" "+rs.getString(2)); }</pre>	4	N	A	2	ResultSet interface name is incorrect
302	Find the error of following code <pre>import java.sql.*; public class dbAccess { public static void main(String[] args) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn = DriverManager.getConnection("jdbc:odbc:ab", " ", " "); Statement s = conn.createStatement(); String s1="insert into Table1 values('akash','201)"; s.executeUpdate(s1); s.close(); conn.close(); } }</pre>	4	N	U	2	Try and catch block missing
303	Find the missing method in following code. <pre>class jdbc1 { public static void main(String ar[])throws Exception Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:oradsn;UID=scott;PWD=tiger"); Statement st=con.-----(); ResultSet rs=st.executeQuery("select * from emp"); while(rs.next()) { int pid=rs.getInt(1); String nm=rs.getString(2); System.out.println("\nProduct ID="+pid+"\nProduct Name="+nm+"\n"); } con.close(); }</pre>	4	N	A	2	createStatement();
304	Find the missing statement <pre>import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t "+rs.getDouble(3)); } s.close(); c.close(); }</pre>	4	N	A	2	ResultSet rs=s.executeQuery("select *from StudTable");
305	find the missing statement <pre>import java.sql.*; public class dbDemo1 {public static void main(String args[])throws Exception {Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN", " ", " "); PreparedStatement s=c.prepareStatement( "update db3 set Name=? where Roll_no=?"); s.setString(1,args[0]); s.setInt(2,args[1]); s.close(); c.close(); }</pre>	4	N	A	2	s.executeUpdate(query);
306	Find the missing statement from which the output will be displayed as connection established. <pre>import java.sql.*; class conn { public static void main(String h[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver are properly loaded"); String url="jdbc:odbc:abc"; Connection con; System.out.println("connection established"); } catch(SQLException e) { System.out.println("Sql error has occurred"); } catch(Exception e) { System.out.println("error!connection not establishd"); } }</pre>	4	N	A	2	con=DriverManager.getConnection(url);
307	Find the missing statement to get output. <pre>import java.sql.*; class conn1 { public static void main(String h[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver are properly loaded"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("connection established"); String sql="create table stuI4(Name char, Age int)"; boolean res=state.executeQuery(sql); if(res==true) System.out.println("table not created"); else System.out.println("table created"); }</pre>	4	N	A	2	Missing }

	<pre>catch(SQLException e) { System.out.println("Sql error has occurred"); } catch(Exception e) { System.out.println("error!connection not established"); } }</pre>					
308	getConnection() method have which parameters: _____	4	N	R	2	URL -JdbcOdbc:DSN ,String Username, String Password
309	getConnection() method of DriverManager returns _____	4	N	U	2	Connection Object
310	getResultSet() method belongs to _____.	4	N	U	2	Statement interface
311	getUsername() method is used to	4	N	U	2	retrieve name of user
312	How do you use a savepoint?	4	N	A	2	A savepoint is used to mark intermediate points inside a transaction, in fine-grained control. Transactions can be rolled back to a previous savepoint affecting preceding work.
313	How is a pre-compiled query written? Pick out the correct statement.	4	N	A	2	<pre>Class.forName("&amp;quot;sun.jdbc.odbc.JdbcOdbcDriver&amp;quot;"); Connection c=DriverManager.getConnection("&amp;quot;jdbc:odbc:ODSN&amp;quot;,&amp;quot;,&amp;quot;,&amp;quot;"); PreparedStatement ps=c.prepareStatement("&amp;quot;select * from empid=?&amp;quot;); ResultSet rs=ps.executeQuery();</pre>
314	How many firstnames will be displayed using following code ? <pre>import java.sql.*; public class JdbcPreparedStatementExample { static private final String driver = "sun.jdbc.odbc.JdbcOdbcDriver"; static private final String connection = "jdbc:odbc:emp"; public static void main(String args[]) { Connection con = null; PreparedStatement pst = null; ResultSet rs = null; try { Class.forName(driver); con = DriverManager.getConnection(connection); String sql = "select * from Employees where FirstName " + "in(?,?)"; pst = con.prepareStatement(sql); pst.setString(1, "komal"); pst.setString(2, "ajay"); pst.setString(3, "santosh"); rs = pst.executeQuery(); System.out.println("EmployeeID\tFirstName"); while (rs.next()) { System.out.print(" "+rs.getString(1)); System.out.print("\t"+rs.getString(2)); System.out.println("\t"+rs.getString(3)); } } catch (Exception e) { System.out.println(e); } }</pre>	4	N	A	2	3
315	How will JDBC help the programmers to write java applications that manage programming activities:	4	N	U	2	All of Above
316	Identify Component at ? _____ Figure:- 	4	Y1	R	2	DBMS
317	Identify correct syntax of executeQuery() method of statement interface.	4	N	U	2	<pre>public ResultSet executeQuery( String );</pre>
318	Identify the correct code to retrieve values from database	4	N	A	2	<pre>Statement st=con.createStatement(); ResultSet rs=st.executeQuery(); }</pre>
319	Identify the missing code in the program given below. <pre>import java.sql.*; class stud_records { public static void main(String args[]) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); ; System.out.println("Driver Loaded"); String url="jdbc:odbc:insert"; Connection con=DriverManager.getConnection(url); System.out.println("Connection Created"); String str="insert into student values(?,?)"; PreparedStatement ps=con.XXXXXStatement(str); ps.setXXX(1,"Rohini"); ps.setXXX(2,20); ps.executeXXX(str); System.out.println("row inserted"); ps.close(); con.close(); } }</pre>	4	N	A	2	<pre>prepareStatement(); setString(); setInt();</pre>

320	Identify wrong type of ResultSet	4	N	U	2	ResultSet.TYPE_BACKWORD_ONLY
321	If ResultSet is forward only then which method can not be execute	4	N	A	2	first
322	If _____is set to true,then a commit is implicitly applied after the execution of every SQL statement.	4	N	R	2	AutoCommit
323	import java.io.IOException; import java.sql.*; what is the correction in the following code to get the output public class contest { public void main(String args[])throws IOException { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("\n Drivers are properly Loded"); String url="jdbc:odbc:abc" Connection con=DriverManager.getConnection(url); System.out.println("connetion established"); con.close(); } catch (SQLException e) { } catch (ClassNotFoundException e) { // TODO Auto-generated catch block e.printStackTrace(); } } }	4	N	A	2	Missing Semicolon
324	import java.sql.*; public class jdbcConn { public static void main(String[] args) throws Exception{ Class.forName("org.apache.derby.jdbc.ClientDriver"); Connection con = DriverManager.getConnection ("jdbc:derby://localhost:1527/testDb","name","pass"); PreparedStatement updateemp = con.prepareStatement ("insert into emp values(?,?,?)"); updateemp.setInt(1,23); updateemp.setString(2,"Roshan"); updateemp.setString(3, "CEO"); updateemp.executeUpdate(); Statement stmt = con.createStatement(); String query = "select * from emp"; ResultSet rs = stmt.executeQuery(query); System.out.println("Id Name Job"); while (rs.next()) { int id = rs.getInt("id"); String name = rs.getString("name"); String job = rs.getString("job"); System.out.println(id + " " + name+" "+job); } }	4	N	A	2	Id Name Job 23 Roshan CEO
325	import java.sql.*; public class jdbcConn { public static void main(String[] args) throws Exception{ Class.forName("org.apache.derby.jdbc.ClientDriver"); Connection con = DriverManager.getConnection ("jdbc:derby://localhost:1527/testDb","name","pass"); Statement stmt = con.createStatement(); String query = "select * from emp order by name"; ResultSet rs = stmt.executeQuery(query); ResultSetMetaData rsmd = rs.getMetaData(); System.out.println("no of columns in the table= " + rsmd.getColumnCount()); System.out.println("Name of the first column "+ rsmd.getColumnNames(1)); System.out.println("Type of the second column "+ rsmd.getColumnTypeName(2)); System.out.println("No of characters in 3rd column "+ rsmd.getColumnDisplaySize(2)); } }	4	N	A	2	no of columns in the table= 3 Name of the first columnID Type of the se No of characters in 3rd column20
326	Import java.sql.*; class connectionTest { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection(url); con.close(); } catch(SQLException e) { } } }	4	N	A	2	undefined symbol url
327	import java.sql.*; class S14 { public static void main(String args[])throws Exception; { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:PC","",""); Statement st=c.createStatement(); st.execute("create table PCMODEL(Industry String,SNO Int,Model String)"); st.execute("insert into PCMODEL values('ABC',1,'A')"); st.execute("insert into PCMODEL values('BCD',2,'B')"); st.execute("insert into PCMODEL values('CDE',3,'C')"); ResultSet rs=st.executeQuery("Select*from PCMODEL"); System.out.println("Indust"+"\\t"+"SNO"+"\\t"+"Model"); while(rs.next()) { System.out.println(rs.getString(1)+"\\t"+rs.getString(3)); } st.close(); c.close(); } }	4	N	A	2	Error in main()
328	import java.sql.*; import java.io.*; import java.sql.Statement; import java.lang; public class conTestTable { public static void main(String args[]); { String s1; int cnt=0; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers are properly loaded"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("Connection established"); Statement sd=con.createStatement(); sd.executeUpdate("delete from student"); con.close(); } catch(SQLException e) { System.out.println("SQL error has ocured"); } catch(Exception e) { System.out.println("Error connection not established"); } }	4	N	A	2	Selected record is deleted
329	import java.sql.*; import sun.jdbc.odbc.*; class mydatabase { public static void main(String args[]) throws SQLException { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:mysn"); PreparedStatement pstmt=con.prepareStatement("update student set branch=? where branch=?"); pstmt.setString(1,"CO"); pstmt.setString(2,"CM"); stmt.executeUpdate(); con.close(); System.out.println("record updated..."); } }	4	N	A	2	this program will change branch codes of all students from 'CO' to 'CM'.

330	<pre>import java.sql.*; public class Pstatement { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:data"); Statement st=con.createStatement(); String a="Update emp set name1=_____ where id=_____"; PreparedStatement ps=con.prepareStatement(a); ps.setString(1,"aaa"); ps.setInt(2,4); ps.executeUpdate(); ResultSet rs=st.executeQuery("select * from emp"); System.out.println(" id"+" salary"+" name"); while(rs.next()) { System.out.println(" "+rs.getInt("id")+ " "+rs.getString("salary")+ " "+rs.getString("name1")); } con.close(); } catch(SQLException e) {} catch(Exception e) {} } }</pre>	4	N	A	2	?,?
331	<pre>import java.sql.*; class FetchRecord{ public static void main(String args[])throws Exception{ Class.forName("oracle.jdbc.driver.OracleDriver"); Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","oracle"); Statement stmt=con.createStatement(); int result=stmt.executeUpdate("delete from emp765 where id=33"); System.out.println(result+" records affected"); con.close(); } }</pre>	4	N	A	2	deletes the record having id=33
332	<pre>import java.sql.*; class InsertPrepared{ public static void main(String args[]){ try{ Class.forName("oracle.jdbc.driver.OracleDriver"); Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","oracle"); PreparedStatement stmt=con.prepareStatement("insert into Emp values(?,?)"); stmt.setInt(1,101);//1 specifies the first parameter in the query stmt.setString(2,"Ratan"); int i=stmt.executeUpdate(); System.out.println(i+" records inserted"); con.close(); }catch(Exception e){ System.out.println(e); } }</pre>	4	N	A	2	101 is inserted at first index position and Ratan is inserted at second index
333	In Which driver Network connection is indirect that a JDBC client makes to a middleware process that acts as a bridge to the DBMS server ?	4	N	U	2	A.JDBC-Net
334	In DriverManager class which method is used to establish the connection with the specified url?	4	N	A	2	public static Connection getConnection(String url)
335	In following Java code fill statement showing ***.Select any one option from given options <pre>import java.io.*; public static void main(String args[]) { class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String s="jdbc:odbc:dsn1"; Connection con=DriverManager.getConnection(s); System.out.println("connection established"); String s="*****"; Statement st=con.createStatement(s); st.executeUpdate(); System.out.println("data inserted"); st.close(); con.close(); }</pre>	4	N	A	2	insert into student values(11,'ramesh')
336	In following Java program fill statement showing *****.Select any one option to get correct output. <pre>import java.sql.*; public class S1Q53 { public static void main(String arg[]){ try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:shree"); int mo=7; String name1 ="hari"; String query ="insert into student(rollno,name) values(?,?)"; PreparedStatement pstmt = con.prepareStatement(query); ***** int a= pstmt.executeUpdate(); if(a==1){ System.out.println("inserted"); }else{ System.out.println(" not inserted"); } } catch (Exception ex) { System.out.println(ex); } }</pre>	4	N	A	2	pstmt.setInt(1, mo); and pstmt.setString(2, name1);
337	In following Java program fill statement showing ***.Select any one option from given options <pre>import java.sql.*; import javax.servlet.http.*; class jdbcdemo { public static void main(string args[])throws IOException,ClassNotFoundException { class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connectio con = DriverManager.getConnection("jdbc:odbc:BATCH"); Statement st= *****; ResultSet res = stmt.executeQuery("select * from orders"); while(res.next()) { System.out.println(res.getInt(1)+" "+res.getString(2)+" "+res.getInt(3)); } System.out.println("table is selected successfully"); st.close(); con.close(); } }</pre>	4	N	A	2	con.createStatement()
338	In following Java program fill statement showing _____. Select any one option from given options <pre>import java.sql.*; class Type1 { public static void main(String[] args) {try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String url="jdbc:odbc:dsn3"; Connection conn = _____ System.out.println("successfully connected"); }catch(Exception e) {System.out.println(e); } } }</pre>	4	N	A	2	DriverManager.getConnection(url);
	In following Java program fill statement showing _____.Select any one option from given options <pre>import java.sql.*; class Testdemo { public static void main(String</pre>					



339	<pre>srgs[] { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver loaded"); String url="jdbc:odbc:info"; Connection con=DriverManager.getConnection(url); System.out.println("connection to database created"); Statement smt=con.createStatement(); System.out.println("Statement object created"); String sql="Select Name,Age from Amol"; ResultSet result=smt._____String text=""; while(result.next()); { text +result.getString(1)+" "+results.getInt(2)+"\n"; } System.out.println(text); } catch(SQLException e) { System.out.pritln("SQL error"); } catch(Exceptionn e) { System.out.println("error"); }</pre>	4	N	A	2	executeQuery(sql);
340	In setXxx() methods used for PreparedStatement the first argument specifies which value?	4	N	U	2	index of Question mark
341	In the below code, rs is an object of _____ interface of JDBC API while (rs.next()) { System.out.println(rs.getString(3)); }	4	N	U	2	ResultSet
342	In the below statement, which type of query can be used with executeUpdate() method statement.executeUpdate(query);	4	N	U	2	INSERT, UPDATE, DELETE
343	In the following JDBC drivers which are known as fully java driver?	4	N	A	2	Both B & C
344	In the following JDBC drivers which is known as partially java driver?	4	N	A	2	Native-API driver
345	In the following program make corrections to get correct output: import java.sql.*; class DBEx { public static void main(String args[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c = DriverManager.getConnection("jdbc:odbc:mysdn","",""); Statement s = c.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_UPDATABLE); String sql = "create table Product(prod_id Integer, prod_name varchar(25), price Double)"; s.executeUpdate(sql); System.out.println("Table created."); c.close(); }catch(Exception e) { System.out.println("Exception generated: "+e); } } }	4	N	A	2	s.executeUpdate(sql);
346	In Transaction Management in JDBC Transaction represents?	4	N	A	2	single unit of work
347	In Transaction Management of JDBC which means once a transaction has been committed, it will remain so, even in the event of errors, power loss etc.?	4	N	A	2	Durability
348	In which layer two tier model are divided into two parts	4	N	R	2	application layer & database layer
349	In which the result set generally does not show changes to the underlying database that are made while it is open. The membership, order, and column values of rows are typically fixed when the result set is created?	4	N	U	2	B.TYPE_SCROLL_INSENSITIVE
350	insert the missing statement ,rectify incorrect statement and choose the correct option for given program. Import java.io.*; public static void main(String args[]) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String s="jdbc:odbc:dsn1"; Connection con=DriverManager.getConnection(s); System.out.println("connection established"); String s="insert into student values (11,'ramesh'); Statement st=con.createStatement(s); st.executeUpdate(); System.out.println("data inserted "); st.close(); con.close(); }	4	N	A	2	import java.sql.*; con.createStatement() st.executeUpdate(s)
351	Invoking Class.forName(mydriver) throws _____.	4	N	A	2	ClassNotFoundException
352	JDBC is _____level interface which means that it is used to invoke SQL command directly	4	N	A	2	low level
353	JDBC-ODBC Bridge is	4	N	U	2	multithreaded
354	kind of driver converts JDBC calls on client API for Oracle, cybase, Informix, DB2, or other DBMS is known as_____	4	N	U	2	Native API partly-Java driver
355	Method which drops the driver from the list of drivers registered in the DriveManager class.	4	N	A	2	deregisterDriver(Driver driver)
356	Methods such as next(),previous(),last(),first() are of which interface?	4	N	U	2	ResultSet
357	Microsoft Access data in a _____file format.	4	N	U	2	.MDB
358	Modified the stament from following program to get correct output. import java.sql.*; public class TestStudData { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN", "", ""); PreparedStatement	4	N	A	2	int iNo=s.executeUpdate()

	<pre>s=c.prepareStatement( "update db3 set Name=? where Roll_no=?"); s.setString(1,args[0]); s.setString(2,Integer.parseInt(args[1])); int iNo=s.executeQuery(); if(iNo&gt;0) { System.out.println("Record is Updated"); } else { System.out.println("Record not Found"); } s.close(); c.close(); } }</pre>					
359	<p>Observe following code and find out missing statement. import java.io.*; import java.sql.*;</p> <pre>class updatdb {public static void main(String args[]) {try {Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con =DriverManager.getConnection("jdbc:odbc:stud"); Statement s = con.createStatement(); int r = s.executeUpdate("update stud set name=priti where name='preety'"); System.out.println("No. of row updated:"+r) ResultSet rs=s.executeQuery("select * from stud"); while(rs.next()) {System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getInt(3)); } con.close(); } catch(Exception e){ } }</pre>	4	N	A	2	Semicolon Missing
360	<p>Observe following code and select correct statement for it to be executed. ResultSetMetaData</p> <pre>md = rs.getMetaData(); int nCols = md.getColumnCount(); for(int i=1; i &lt; nCols; ++i) System.out.print(md.getColumnName(i)+" "); while (rs.next()) { for(int i=1; i &lt; nCols; ++i) System.out.print(rs.getString(i)+" "); System.out.println(rs.getString(nCols)); }</pre>	4	N	A	2	ResultSetMetaData md = rs.getMetaData();
361	<p>Observe the following code and what will be the output of the program import java.sql.*;</p> <pre>import java.io.*; public class Resultset1 { public static void main(String a[]) { String s1; int cnt=0; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers are properly loded"); String url="jdbc:odbc:abc"; Connection con= DriverManager.getConnection(url); System.out.println("Connection Successful"); s1="Select Comp_name,num,cost,capacity from company order by num"; Statement st = con.createStatement(); ResultSet rs = st.executeQuery (s1); rs= st.getResultSet(); ResultSetMetaData rsmd= rs.getMetaData(); System.out.println("Total COLOUNMS =" + rsmd.getColumnCount()); System.out.println("Column no 1 is " +rsmd.getColumnName(1)); System.out.println("Column no 1 data type is " + rsmd.getColumnTypeName(1)); System.out.println("Name of table = "+rsmd.getTableName(1)); con.close(); } catch(SQLException e) System.out.println("SQL Error...!!!"); } catch(Exception e) { System.out.println("Error Connection Un-successful...!!!"); } }</pre>	4	N	A	2	The output will give information about ResultSet Metadata
362	<p>Observe the following figure and identify the type of architecture.</p> <p>Figure:-</p>	4	Y1	R	2	Two-Tier
363	<p>Observe the following program import java.sql.*; class TYIFCon{ public static void main(String</p> <pre>args[]){ try{ Class.forName("oracle.jdbc.driver.OracleDriver"); Connection con=DriverManager.getConnection( "jdbc:oracle:thin:@localhost:1521:xe","system","oracle"); Statement stmt=con.createStatement(); ResultSet rs=stmt.executeQuery("select * from emp"); while(rs.next()) System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3)); con.close(); }catch(Exception e){ System.out.println(e); } }</pre>	4	N	A	2	This program will fetch all the records of emp table.
364	<p>Observer the following program. import java.sql.*; import java.io.*; class TYIFloop{ public</p> <pre>static void main(String args[])throws Exception{ Class.forName("oracle.jdbc.driver.OracleDriver"); Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","oracle"); PreparedStatement ps=con.prepareStatement("insert into emp values(?,?)"); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); do{ System.out.println("enter id:"); int id=Integer.parseInt(br.readLine()); System.out.println("enter name:"); String name=br.readLine(); ps.setInt(1,id); ps.setString(2,name); int i=ps.executeUpdate();</pre>	4	N	A	2	This program will insert all values into emp table until user press 'n' .

	<pre>System.out.println(i+" records affected"); System.out.println("Do you want to continue: y/n"); String s=br.readLine(); if(s.startsWith("n")){ break; } }while(true); con.close(); } }</pre>					
365	<pre>Observer the following program. import java.sql.*; class Test{ public static void main(String ar[]){ try{ String url="jdbc:odbc:mydsn"; Connection c=DriverManager.getConnection(url); Statement st=c.createStatement(); ResultSet rs=st.executeQuery("select * from login"); while(rs.next()){ System.out.println(rs.getString(1)); } }catch(Exception ee) {System.out.println(ee);} }</pre>	4	N	A	2	Following statement is missing Class.forName(&quot;sun.jdbc.odbc.Jdb
366	<pre>Observer the following program. import java.sql.*; class Test{ public static void main(String ar[]){ try{ String url="jdbc:odbc:mydsn"; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection(url); Statement st=c.createStatement(); ResultSet rs=st.executeQuery("select * from login"); while(rs.next()){ System.out.println(rs.getString(1)); } }catch(Exception ee){System.out.println(ee);} }</pre>	4	N	A	2	There is compiler error of missing a closing curly bracket
367	<pre>Observer the following program. import java.sql.*; class TYIFCon{ public static void main(String args[]){ try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:empdsn"); Statement stmt=con.createStatement(); ResultSet rs=stmt.executeUpdate("select * from emp"); while(rs.next()) System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3)); con.close(); }catch(Exception e){ System.out.println(e); } }</pre>	4	N	A	2	In This program executeUpdate() must be replaced by executeQuery()
368	<pre>Output of following code is : import java.sql.*; class createTable { public static void main(String[] args) { try { //load driver Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("driver loaded"); //create DSN String url = "jdbc:odbc:TYCM"; //create connection of driver with DSN Connection con = DriverManager.getConnection(url); System.out.println("connection created"); //create statement to execute create table Statement stmt = con.createStatement(); String query = "create table Information(name char,age int)"; //execute query returns true if 1st is resultset object boolean result = stmt.executeQuery(query); if(!result) { System.out.println("Table created"); } else { System.out.println("Table is not created"); } //create a query query = "insert into Information values('AAA',12)"; //execute query with execute Upadate returns int - no. of rows //updated int i = stmt.executeUpdate(query); System.out.println("\n\tRecord Inserted :: "+i); query = "insert into Information values('BBB',14)"; i = stmt.executeUpdate(query); i=i+1; System.out.println("\n\tRecord Inserted :: "+i); query = "insert into Information values('CCC',11)"; i = stmt.executeUpdate(query); i=i+1; System.out.println("\n\tRecord Inserted :: "+i); query = "insert into Information values('AAA',12)"; i = stmt.executeUpdate(query); i=i+1; System.out.println("\n\tRecord Inserted :: "+i); query = "select * from Information"; //returns result set object ResultSet rs = stmt.executeQuery(query); while(rs.next() ) { System.out.println("\n\tName : "+rs.getString(1)); System.out.println("\n\tAge : "+rs.getInt(2)); } con.close(); System.out.println("Connection is closed"); } catch (SQLException e) { System.out.println("SQL Exception"); e.printStackTrace(); } catch (Exception e) { System.out.println("General Exception"); } }</pre>	4	N	A	2	driver loaded connection created Table created Record Inserted :: 1 Re Record Inserted :: 3 Record Inserted :: 4 Name : AAA Age : 12 Name : f CCC
369	<pre>Output of the following program import java.sql.*; Class ExecuteUpdateTest { Public static void main(String argu[]) { Try { int I; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:xyz"; Connection con=DriverManager.getConnection(url); System.out.println("Connection to database created"); Statement state=con.createStatement(); System.out.println("Statement object created"); String sql="Insert into tanni values('Tanmy',2)"; I=state.executeUpdate(sql); System.out.println("Record inserted "+i); String sql1="Insert into tanni values('Raddhi',2)"; I=state.executeUpdate(sql1); System.out.println("Record inserted "+i); String sql2="Insert into tanni values('Siddi',2)"; I=state.executeUpdate(sql2); System.out.println("Record inserted "+i); } Catch(SQLException e) { System.out.println("SQL error"); } Catch(Exception e){ System.out.println("SQL error"); } }</pre>	4	N	A	2	Driver loaded Connection to database created Statement object create Record Inserted 2 Record Inserted 3
370	Permission class is part of _____package	4	N	A	2	java.security.permission
371	<pre>Predict output import java.sql.*; class Test{ public static void main(String ar[])throws Exception { String url="jdbc:odbc:mydsn"; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers Loaded"); Connection c= DriverManager.getConnection(); System.out.println("Connection Created"); } }</pre>	4	N	A	2	Drivers Loaded and connection created msg is displayed

372	Predict output import java.sql.*; class Test{ public static void main(String ar[])throws Exception { String url="jdbc:odbc:mysdn"; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers Loaded"); } }	4	N	A	2	Error
373	PreparedStatement interface creates an object that represents a _____	4	N	U	2	Precompiled SQL Statement
374	PreparedStatement interface extends _____ interface	4	N	U	2	Statement
375	PreparedStatement object in JDBC is used to execute _____ queries	4	N	A	2	parameterized
376	PreparedStatement updateemp = con.prepareStatement("insert into emp values(?,?,?)"); How many values are need to insert for prepareStatement paprameter?	4	N	A	2	3
377	PreparedStatement() method is of _____ interface	4	N	U	2	Connection
378	Provides information about occurrence of event _____	4	N	A	2	javax.sql.ConnectionEvent
379	public class DriverManager extends _____	4	N	U	2	Object
380	Rearrange the steps to connect to the database in SQL a. Create the connection object b. Execute the query c. Close the connection object d. Register the driver class e. Create the statement object	4	N	U	2	d-a-e-b-c
381	ResultSetMetaData Interface Object created by _____ method, of _____ interface	4	N	U	2	getMetaData(), ResultSet
382	ResultSet interface is used to retrieve the result form the database table?	4	N	A	2	1
383	ResultSet is _____ Which Represents a data from database	4	N	R	2	Table of Data
384	ResultSet rs = stmt.executeQuery("SELECT COF_NAME, PRICE FROM COFFEES"); where the stmt is Statement object. Same Code can be replaced by PrepareStatment object pst with which statment	4	N	A	2	pst = con.prepareStatement (&quot;SELECT COF_NAME, PRICE FROM COFFEES&quot;); ResultSet rs = pst.executeQuery();
385	ResultSetMetadata are retrieved through _____.	4	N	A	2	None of Above
386	select correct method of statement interface	4	N	U	2	public ResultSet executeQuery(String sql)throws SQLException
387	select correct statement to delete row from table employee where emp_id=?	4	N	A	2	String sql="delete from table where emp_id=?"; PreparedStatement st=con.prepareStatement(sql); st.executeUpdate();
388	Select correct statement which is to be used here for inserting a new record in DB having columns RollNo,Name and Percentage. import java.io.*; import java.sql.*; import java.sql.Statement; class insertdb {public static void main(String args[]) {try {Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con =DriverManager.getConnection("jdbc:odbc:stud"); Statement s = con.createStatement(); System.out.println("No. of row updated:"+r); ResultSet rs=s.executeQuery("select * from stud"); while(rs.next()) {System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getInt(3)); } con.close(); } catch(Exception e){ } }	4	N	A	2	int r = s.executeUpdate(&quot;insert into stud values(5,'Sneha',67)&quot;);
389	Select correct statements to be written in space provided with * in following given codeimport java.sql.*; class ps_select { public static void main(String ar[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("driver loaded"); String url="jdbc:odbc:insert1"; Connection con=DriverManager.getConnection(url); System.out.println("connection created"); String str="select * from if6g"; PreparedStatement ps=con.prepareStatement(str); ResultSet rs=ps.executeQuery(); while(rs.next()) { System.out.println("roll _____"); } }	4	N	A	2	Connection con=DriverManager.getConnection(url);
390	Select the correct method(s) to create CallableStatement:	4	N	U	2	All of the above
391	Select the correct option for fill in the blank import java.sql.*; class data { public static void main(String a[]) { Driver d= new sun.jdbc.odbc.JdbcOdbcDriver(); DriverManager.registerDriver(d); Connection con =DriverManager.getConnection("Jdbc:Odbc:UUU"); _____ } }	4	N	A	2	A. PreparedStatement ps=con.prepareStatement(&quot;Select * from t
	Select the correct option for fill in the blank import java.sql.*; class data { public static void					

392	<pre>main(String a[]) { try { Driver d= new sun.jdbc.odbc.JdbcOdbcDriver(); DriverManager.registerDriver(d); Connection con =DriverManager.getConnection("Jdbc:Odbc:_____"); Statement s=_____ int n=s.executeUpdate("Insert into Table1 values('hhh',12)"); if(n==1) { System.out.println("Record inserted "); con.close(); } } catch(Exception e) { System.out.println("not inserted"+e); } } }</pre>	4	N	A	2	DSN name and con.createStatement();
393	Select the correct option that can be used to create a result set in which the cursor can move in both the directions.	4	N	U	2	TYPE_SCROLL_SENSITIVE
394	<pre>select the missing statement from program given below import java.sql.*; class ps_insert { public static void main(String ar[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("driver loaded"); String url="jdbc:odbc:insert1"; Connection con=DriverManager.getConnection(url); System.out.println("connection created"); int r1=11,r2=22; String s1="madras",s2="delhi"; ps.setInt(1,r1); ps.setString(2,s1); int i1=ps.executeUpdate(); System.out.println("data inserted"+i1); String str1="insert into if6g values(?,?)"; PreparedStatement ps1=con.prepareStatement(str1); ps.setInt(1,r2); ps.setString(2,s2); int i2=ps.executeUpdate(); System.out.println("data inserted"+i2); con.close(); ps.close(); } catch(Exception e) {} }</pre>	4	N	U	2	String str=&quot;insert into if6g values(?,?)&quot;; PreparedStatement ps=con.prepareStatement(str);
395	<pre>Select the missing statement in the program to get the following output. import java.sql.*; class Demo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:student", " " " "); int r1=11; String s1="suhas"; String str="insert into studTable values(?,?); PreparedStatement ps=c.prepareStatement(str); ps.setInt(1,r1); ps.executeUpdate(); System.out.println("Data inserted:"); s.close(); c.close(); } }</pre>	4	N	A	2	ps.setString(2,s1);
396	<pre>Select the missing statement in the program to get the output import java.sql.*; import java.io.*; class RS{ public static void main(String args[])throws Exception{ Class.forName("oracle.jdbc.driver.OracleDriver"); Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","oracle"); PreparedStatement ps=con.prepareStatement("insert into emp130 values(?,?,?)"); BufferedReader br=new BufferedReader(new InputStreamReader(System.in)); do{ System.out.println("enter id:"); int id=Integer.parseInt(br.readLine()); System.out.println("enter name:"); String name=br.readLine(); System.out.println("enter salary:"); float salary=Float.parseFloat(br.readLine()); ps.setInt(1,id); ps.setString(2,name); ps.setFloat(3,salary); System.out.println(" records affected"); System.out.println("Do you want to continue: y/n"); String s=br.readLine(); if(s.startsWith("n")){ break; } }while(true); con.close(); } }</pre>	4	N	A	2	ps.executeUpdate();
397	<pre>Select the proper missing method for the following code String queryLehigh = "select * from Lehigh"; ResultSet rs = Stmt._____(queryLehigh); while (rs.next()) { int ssn = rs.getInt("SSN"); String name = rs.getString("NAME"); int marks = rs.getInt("MARKS"); }</pre>	4	N	A	2	executeQuery()
398	select the proper statement to establish the connection with database	4	N	U	2	Connection con=DriverManager.getConnection(&quot;Jdbc.odbc : DSN I
399	<pre>Select the statement from options that should get added at ***** in bellow program import java.sql.*; class stud4 { public static void main(String ar[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:studdsn"); Statement s1=con.createStatement(); ResultSet res; System.out.println("Before Updation"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getString(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } PreparedStatement st=con.prepareStatement("update student set Name=? where Name=? "); st.setString(1,"Ram"); st.setString(2,"Ramesh"); ***** System.out.println("updated"); System.out.println("After updation"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getString(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } }</pre>	4	N	A	2	st.executeUpdate();
	<pre>Select the statement that should be added to program to get corrected output import java.sql.*; import java.io.*; class Jdbc_ResultSet { public static void main(String arg[]) { String</pre>					

400	<pre>s1; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers loaded"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("connection established"); s1="select comp_name,num,cost,capacity from company order by num"; Statement st=con.createStatement(); rs=st.getResultSet(); System.out.println("Comp_name" + " "+num" + " "+cost" + " "+capacity"); System.out.println(); while(rs.next()) { System.out.println(rs.getString("comp_name")+ "+rs.getInt("num")+ " "+rs.getInt("cost")+ " "+rs.getString("capacity")); } con.close(); } catch(SQLException e) { System.out.println(" sql error"); } catch(Exception e) { System.out.println(" connection error1"); } } }</pre>	4	N	A	2	ResultSet rs=st.executeQuery(s1);
401	<p>Select the statement that should be added to the following program to get the correct output.</p> <pre>import java.sql.*; import java.io.*; class DisTable { public static void main(String args[]) { int id=0; String name="",br=""; try { Connection cn=DriverManager.getConnection("jdbc:odbc:MyDSN"); PreparedStatement pst=cn.prepareStatement("insert into stud values(?,?,?)"); DataInputStream d=new DataInputStream(System.in); System.out.println("Enter roll no."); id=Integer.parseInt(d.readLine()); System.out.println("Enter name"); name=d.readLine(); System.out.println("Enter branch"); br=d.readLine(); pst.setInt(1,id); pst.setString(2,name); pst.setString(3,br); int c=pst.executeUpdate(); if(c&gt;=0) System.out.println("Record Inserted"); else System.out.println("Record not Inserted"); cn.close(); }catch(Exception e){ } }</pre>	4	N	A	2	Class.forName("&quot;sun.jdbc.odbc.JdbcOdbcDriver&quot;);
402	<p>Select the statement that should be added to the program to get correct output.</p> <pre>import java.sql.*; public class db15 { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c =DriverManager.getConnection("jdbc:odbc:MyDSN","",""); PreparedStatement s=c.prepareStatement( "update db3 set Name=? where Roll_no=?"); Statement s=c.createStatement( ); s.setString(1,args[0]); s.setString(2,args[1]); s.setString(3,args[2]); ResultSet rs=s.executeQuery("select* from db3"); System.out.println("Name"+"\\t"+"Roll no"+"\\t"+"Avg"); while(rs.next()) { System.out.println(rs.getString(1)+"\\t"+rs.getInt(2)+"\\t"+rs.getDouble(3)); } s.close(); c.close(); } }</pre>	4	N	A	2	s.executeUpdate()
403	Set XXX() method binds values to the parameters. Where XXX represents	4	N	U	2	Data Type
404	Statement interface is used for _____	4	N	U	2	sending SQL queries to the database
405	Stored procedures have which of the following advantages?	4	N	U	2	Data integrity improves as multiple applications access the same store
406	<p>Suggest corrections in the following program segment</p> <pre>import java.sql.*; import sun.jdbc.odbc.*; class mydatabase { public static void main(String args[]) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection(); Statement stmt=con.createStatement(); stmt.execute("create table contacts(name varchar(30),mobile varchar(20))"); con.close(); System.out.println("table created..."); } }</pre>	4	N	A	2	public static void main(String args[]) throws SQLException DriverManager.getConnection("&quot;jdbc:odbc:mysdn&quot;);
407	<p>Suppose a prepared statement is created as follows: Statement preparedStatement = connection.prepareStatement("insert into Student (firstName, mi, lastName)" + "values (?, ?, ?)"); To set a value John to the first parameter, use</p>	4	N	U	2	preparedStatement.setString(1, 'John');
408	The CallableStatement interface extends _____ interface	4	N	U	2	PreparedStatement
409	<p>The following example to connect Java Application with access?</p> <pre>import java.sql.*; class Test { public static void main(String ar[]) { try { String url="jdbc:odbc:mysdn"; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection(url); Statement st=c.createStatement(); ResultSet rs=st.executeQuery("select * from login"); while(rs.next()) { System.out.println(rs.getString(1)); } }catch(Exception ee){System.out.println(ee);} } }</pre>	4	N	A	2	with DSN
410	The following step is for stmt.executeUpdate(sql); sql = "INSERT INTO Registration " + "VALUES(103, 'Sumit', 'Mittal', 28)"; stmt.executeUpdate(sql);	4	N	A	2	Insert
411	the interface to the database is handle by	4	N	U	2	APIS
412	The JDBC-ODBC bridge allows ----- to be used as -----	4	N	U	2	ODBC drivers,JDBC drivers
413	The JDBC-ODBC Bridge driver is	4	N	U	2	Both A & B

414	The JDBC-ODBC Bridge supports multiple concurrent open statements per connection?	4	N	A	2	one
415	The method - "public DatabaseMetaData getMetaData()" - belongs to the Interface _____	4	N	A	2	Connection interface
416	The methods of Statement interface are	4	N	U	2	All of the above
417	The output of following program is : <pre>import java.sql.*; class preparestmt { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("driver loaded"); String url = "jdbc:odbc:TYCM"; Connection con = DriverManager.getConnection(url); System.out.println("connection created"); PreparedStatement prepare=con.prepareStatement("select * from Information where age=15"); ResultSet rs=prepare.executeQuery(); if(rs.next()) { System.out.println("student information is"); System.out.println(rs.getString("name")); System.out.println(rs.getInt("age")); } else System.out.println("No student found"); con.close(); System.out.println("Connection is closed"); } catch (SQLException e) { System.out.println("SQL Exception"); } catch (Exception e) { System.out.println("General Exception"); }}}</pre>	4	N	A	2	driver loaded connection created student information is BBB 15 Conne
418	The parameters of the PreparedStatement object are _____ when the user clicks on the Query button	4	N	U	2	initialized
419	The ResultSet is used to get information about a.....	4	N	U	2	ResultSet
420	The Statement interface is mainly used to_____	4	N	U	2	To execute queries asked to database
421	The statement _____ changes the Course title to Java Programming for the CourseID 11111.	4	N	U	2	update Course set title = 'Java Programing' where courseId = '11111'
422	The _____ method can be used on a _____ object to create its meta data object	4	N	U	2	getMetaData(),ResultSet
423	The _____ package contains classes that help in connecting to a database, sending SQL statements to the database, and processing the query result	4	N	U	2	java.sql
424	The _____method sets the query parameters of the PreparedStatement Object.	4	N	U	2	setString()
425	The _____object provides you with methods to access data from the table.	4	N	U	2	ResultSet
426	This is an example of prepared statement interface that ? <pre>PreparedStatement stmt=con.prepareStatement("select * from emp"); ResultSet rs=stmt.executeQuery(); While(rs.next()){ System.out.println(rs.getInt(1) + " " + rs.getString(2)); }</pre>	4	N	A	2	B. retrieve the record
427	This is an example of Statement interface that? <pre>import java.sql.*; class PreStat { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:student"," "," "); Statement s=c.createStatement("select * from studTable"); ResultSet rs=s.executeQuery(); System.out.println("Name" + " \t " + "Roll_No"); while(rs.next()) { System.out.println(rs.getInt(1)+" \t "+rs.getString(2)); } s.close(); c.close(); } }</pre>	4	N	A	2	retrieve the record
428	This statement Tells the DB to empty transaction log & bring DB back to the state, before the changes in transaction log were executed	4	N	U	2	rollback()
429	Three-tier Architecture includes which of the following.	4	N	U	2	client layer and two server layers
430	To connect to a local MySQL database named test, use	4	N	U	2	Connection connection = DriverManager.getConnection("&quot;jdbc:mysql://localhost/test&quot;);
431	To delete reord from database table student what modification we have to do in following program. <pre>import java.sql.*; public class JdbcDemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:mydsn"); Statement stmt = con.createStatement(); int result=st.executeUpdate("delete student where id=1"); System.out.println(result+" records affected"); con.close(); } }</pre>	4	N	A	2	int result=stmt.executeUpdate("&quot;delete from student where id=18
432	To establish connection with database which method of DriverManager class is used?	4	N	U	2	getConnection()

433	To establish the connection with the specified url?	4	N	U	2	public static Connection getConnection(String url)
434	To execute a SELECT statement "select * from Address" on a Statement object stmt, use	4	N	U	2	stmt.executeQuery("&select * from Address&");
435	To execute a stored procedure "totalStock" in a database server, which of the following code is used?	4	N	U	2	CallableStatement clbstmt = con.prepareCall("&{call totalStock}&");cs.executeQuery();
436	To execute create query which method is used?	4	N	U	2	execute()
437	To obtain a scrollable or updateable result set, you must first create a statement using the following syntax:	4	N	U	2	Statement statement = connection.createStatement(ResultSet.TYPE_SCROLL_CONCUR_UPDATE);
438	To set the parameters in PreparedStatement which methods are used?	4	N	U	2	both a& b
439	To syntax for creating a table named Course should begin with _____.	4	N	U	2	create table Course (
440	To to get the column names and row data from a table. Select the proper statement from the following AT * _____line import java.sql.*; public class SelDemo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc: myDSN "); Statement st = con.createStatement(); * _____/(Choose correct option for this line) while(sel.next()) { String name = sel.getString(1); String pass = sel.getString(2); System.out.println(name+ " "+pass); } } catch(Exception e) { System.out.println("Errooooo" +e.getMessage()); } } }	4	N	A	2	ResultSet sel = st.executeQuery ("&select * from Login&");
441	try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Class.forName("oracle.jdbc.driver.OracleDriver"); } catch(ClassNotFoundException cnfe) { System.err.println("Error loading driver: " + cnfe); }	4	N	A	2	Will load two different drivers
442	two-tiers and three-tiers architecture is applicable with the database?	4	N	A	2	YES
443	Valid constant to set ResultSet as Scrollable is _____	4	N	A	2	Both B and C
444	We can use ResultSet navigation methods when we have ResultSet that is of type	4	N	U	2	both b&c
445	What contains object specific to database,and Used to create Connection object from the options ?	4	N	R	2	Driver Interface / Connect()
446	What correction should be done in the program to get corrected output import java.sql.*; import java.io.*; class JdbcP { public static void main(String arg[]) { try { DataInputStream in=new DataInputStream(System.in); Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers loaded"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("connection established"); PreparedStatement ps=con.prepareStatement("create table movie6(num Integer,mvnm Varchar(30))"); ps.executeUpdate(); System.out.println("Table Created"); String sql="insert into movie6 VALUES(?,?)"; PreparedStatement ps2=con.prepareStatement(sql); System.out.println("Enter movie code"); int mcd=Integer.parseInt(in.readLine()); ps2.setInt(1,mcd); System.out.println("Enter movie name"); String name=in.readLine(); ps2.setString(2,name); ps2.executeUpdate(); con.close(); } catch(SQLException e) { System.out.println(" sql error"); } catch(Exception e) { System.out.println(" connection error1"); } } }	4	N	A	2	String url="&jdbc:odbc:abc&";
447	What correction should be done in the program to get corrected output import java.sql.*; import java.io.*; class JdbcP { public static void main(String arg[]) { try { DataInputStream in=new DataInputStream(System.in); Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers loaded"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("connection established"); ps.executeUpdate(); System.out.println("Table Created"); String sql="insert into movie6 VALUES(?,?)"; PreparedStatement ps2=con.prepareStatement(sql); System.out.println("Enter movie code"); int mcd=Integer.parseInt(in.readLine()); ps2.setInt(1,mcd); System.out.println("Enter movie name"); String name=in.readLine(); ps2.setString(2,name); ps2.executeUpdate(); con.close(); } catch(SQLException e) { System.out.println(" sql error"); } catch(Exception e) { System.out.println(" connection error1"); } } }	4	N	A	2	Missing Statement
448	What does "msbte" indicate in the below code? Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection	4	N	U	2	Data Source Name

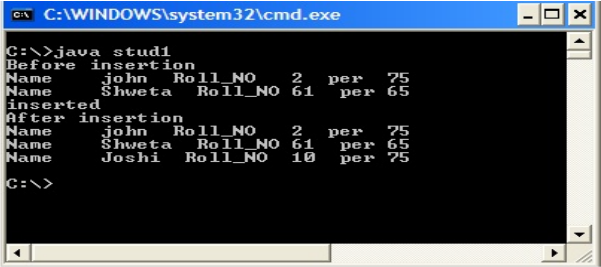


	con=DriverManager.getConnection("jdbc:odbc:msbte");					
449	What does the following code do? <code>smt=con.createStatement();</code>	4	N	A	2	A Statement object is created to send sql commands to the database
450	What happens after execution of following code <code>import java.sql.*; public class JdbcAccessConnectionDemo { public static void main(String [] args) { Connection con = null; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); con = DriverManager.getConnection("jdbc:odbc:database1"); System.out.println("Connection OK."); con.close(); } catch (Exception e) { System.err.println("Exception: "+e.getMessage()); } } }</code>	4	N	A	2	Connecction OK.
451	What happens after execution of following code <code>import java.sql.*; import java.io.*; public class new { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers are loaded properly."); String url = "jdbc:odbc:Demo"; Connection c1 = DriverManager.getConnection(url); String sql="create table emp1(emp_id INTEGER,emp_name varchar(20))"; PreparedStatement ps = c1.prepareStatement(sql); ps.executeUpdate(); c1.close(); }catch(SQLException se) { System.out.println("SQL Error."); }catch(Exception e) { System.out.println("Other Error."); } } }</code>	4	N	A	2	Successfully Run and table is created.
452	What happens if the following code is executed? <code>import java.sql.*; public class S1Q57{ public static void main(String[] args) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:shree"); Statement stm = con.createStatement(); String query = "select rollno,name,percent from student "; ResultSet rs = stm.executeQuery(query); while(rs.next()){ System.out.println("Roll No = "+rs.getInt(1)); System.out.println("Name = "+rs.getString(2)); System.out.println("per = "+rs.getDouble(3)); } con.close(); } }</code>	4	N	A	2	There is a compiler error
453	What happens if you call <code>deleteRow()</code> on a <code>ResultSet</code> object?	4	N	A	2	The row you are positioned on is deleted form the <code>ResultSet</code> and from t
454	What happens if you call the method <code>close()</code> on a <code>ResultSet</code> object?	4	N	U	2	the database and JDBC resources are released
455	What is correct about DDL statements (create, grant,...)?	4	N	A	2	DDL statements are treated as normal SQL statements, and are execut
456	What is error in following program <code>import java.sql.*; class PreparedStatementDemo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con= DriverManager.getConnection("jdbc:odbc:Samarth"); PreparedStatement ps=con.prepareStatement("select * from student"); ResultSet rs=ps.executeQuery(); ResultSetMetaData rs1=con.getMetaData(); System.out.println(rs1.getColumnCount()); } catch(Exception e) { System.out.println(e); } } }</code>	4	N	A	2	error:incompatible types: &quot;ResultSetMetaData rs1=con.getMetaD
457	What is error in following program? <code>import java.sql.*; class PreparedStatementDemo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con= DriverManager.getConnection("jdbc:odbc:Samarth"); PreparedStatement ps=con.prepareStatement("select * from student"); ResultSet rs=ps.executeQuery(); while(rs.next()) { System.out.println(rs.getInt(1)); System.out.println(rs.getString(2)); System.out.println(rs.getString(3)); } } catch(Exception e) { System.out.println(e); } } }</code>	4	N	A	2	java.sql.SQLException: No suitable driver found for jdbc:odbc.Samarth
458	What is error in following program? <code>import java.sql.*; class PreparedStatementDemo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con= DriverManager.getConnection("jdbc:odbc:Samarth"); PreparedStatement ps1=con.prepareStatement("update student set Name=? City=? ID=? where ID=?"); ps1.setString(1,"tttt"); ps1.setString(2,"Belhe"); ps1.setInt(3,777); ps1.setInt(4,777); ps1.executeUpdate(); ps1.close(); con.close(); } catch(Exception e) { System.out.println(e); } } }</code>	4	N	A	2	java.sql.SQLException: [Microsoft] [ODBC Microsoft Access Driver] Synta operator) in query expression 'Pa_RaM000 City=Pa_RaM001 ID=Pa_Ra
459	What is error in following program? <code>import java.sql.*; class PreparedStatementDemo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con= DriverManager.getConnection("jdbc:odbc:Samarth"); PreparedStatement ps1=con.prepareStatement("update student set Name=?,City=?,ID=? where ID=?"); ps1.setString(1,"tttt"); ps1.setString(2,"Belhe"); ps1.setInt(3,777); ps1.executeUpdate(); ps1.close(); con.close(); } catch(Exception e) { System.out.println(e); } } }</code>	4	N	A	2	java.sql.SQLException: [Microsoft][ODBC Microsoft Access Driver]COUNT
	What is error in following program? <code>import java.sql.*; class Demo3 { public static void</code>					

460	<pre>main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con= DriverManager.getConnection("jdbc:odbc:Samarth"); PreparedStatement ps=con.prepareStatement("select * from student"); ResultSet rs=ps.executeQuery(); while(rs.next()) { System.out.println(rs.getInt(1)); System.out.println(rs.getString(2)); System.out.println(rs.getString(3)); } } catch(Exception e) { System.out.println(e); } } }</pre>	4	N	A	2	java.lang.ClassNotFoundException: sun.jdbc.odbc.JdbcOdbcDriver
461	<p>What is meaning of following code snippet <code>System.out.println("NAME\tAGE");</code> String sql = "select Name, Age from StudInfo"; ResultSet results = state.executeQuery(sql);</p>	4	N	A	2	executeQuery() method will execute sql query and output is available in ResultSet class
462	<p>What is missing in the following program? <code>import java.sql.*; public class execute { public static void main(String args[]) { try { String url="jdbc:odbc:abcd"; Connection con=DriverManager.getConnection(url); System.out.println("Connection Established"); String sql="insert into student values(11,'Ramesh')"; Statement st=con.createStatement(); st.executeUpdate(sql); System.out.println("Data Inserted"); con.close(); } catch(SQLException e) { System.out.println("SQL Error Has Occured"); } catch(Exception e) { System.out.println("Error"); } } }</code></p>	4	N	A	2	to register the driver
463	<p>what is Native Protocol, Pure Java Driver?</p>	4	N	A	2	This type of driver, written entirely in Java, communicates directly with t
464	<pre>What is output of following code import java.sql.*; import java.io.*; public class StudentTableInsert { public static void main(String args[]) { BufferedReader br = new BufferedReader(new InputStreamReader(System.in)); String Name; int Age; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String URL = "jdbc:odbc:StudentDatabase"; Connection con = DriverManager.getConnection(URL); System.out.println("Connection to database created."); Statement state = con.createStatement(); System.out.println("Statement Object Created."); } }</pre>	4	N	A	2	Driver Loaded Connection to database created Statement Object creat
465	<p>What is output of following program. <code>import java.sql.*; public class jdbc1 { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:data"); Statement st=con.createStatement(); ResultSet rs=st.executeQuery("select * from student"); while(rs.next()) { System.out.println("id:"+rs.getInt("id")); System.out.println("name:"+rs.getString("name1")); } con.close(); } catch(SQLException e) {} catch(Exception e) {} } }</code></p>	4	N	A	2	values of id and name will be displayed from table
466	<p>What is the correct sequence of database connectivity</p>	4	N	A	2	My Computer->Control Panel->Administrative Tool-> Data Source User DSN->Add DSN
467	<p>What is the disadvantage of Type-4 Native-Protocol Driver?</p>	4	N	A	2	At client side, a separate driver is needed for each database.
468	<pre>What is the error in this code import java.sql.*; class ConnectionDemo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded...."); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("Connection Established...."); System.out.println("Object is Created...."); String sql="create table Raison1(Name char, Age int); boolean res=smt.execute(sql); if(res==true) System.out.println("table is created..."); else System.out.println("Table is not created...."); } catch(SQLException e) { System.out.println("SQL Error..."); } catch(Exception e) { System.out.println("Error is Found..."); } } }</pre>	4	N	A	2	Statement not created
469	<p>what is the main components of JDBC ?</p>	4	N	A	2	all of these
470	<p>What is the missing in the following program <code>import java.sql.*; public class connection { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers are properly loaded"); String url="jdbc:odbc:abcd"; System.out.println("Connection Established"); con.close(); } catch(SQLException e) { System.out.println("SQL Error Has Occured"); } catch(Exception e) { System.out.println("Error"); } } }</code></p>	4	N	A	2	Connection to database
471	<p>what is the missing statement in following program to access the database using jdbcodbc connection <code>import java.util.*; import java.sql.*; public class JdbcDemo { public static void main(String args[]) { String query = "SELECT Name,Description,Qty, Cost FROM Stock"; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection ("jdbc:odbc:Inventory"); ResultSet rs = stmt.executeQuery(query); while (rs.next()) { String name = rs.getString("Name"); String desc = rs.getString("Description"); int qty = rs.getInt("Qty"); float cost = rs.getFloat("Cost");</code></p>	4	N	A	2	Statement stmt = con.createStatement();

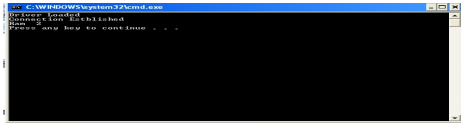
	<pre>System.out.println(name+" "+desc+"\t: "+qty+"\t@ \$" +cost); } con.close(); } catch(ClassNotFoundException e){ e.printStackTrace(); } catch(SQLException e){ e.printStackTrace(); } }</pre>					
472	<pre>What is the output of following code?Assume suitable data import java.sql.*; class contest { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("\n Drivers loaded properly"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("\n Conncted"); String sql="create table t1(empno Integer,empname varchar(20))"; PreparedStatement ps1=con.prepareStatement(sql); ps1.executeUpdate(); System.out.println("\n Table created"); con.close(); } catch(SQLException e) System.out.println("\n SQL Error"); } catch(Exception e) { System.out.println("\n Other Error"); }</pre>	4	N	A	2	Table created
473	<pre>what is the output of following code import java.sql.*; class StudentData { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:stud"); PreparedStatement ps = con.prepareStatement("select * from Student where Marks &gt; ?"); ps.setInt(1,40); ResultSet rs = ps.executeQuery(); System.out.println("marks"); while(rs.next()) System.out.println(rs.getString(2)); con.close(); } catch(Exception e){ } }</pre>	4	N	A	2	marks>40
474	<pre>what is the output of following code import java.sql.*; class cont { public static void main(String args[]){ try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers are properly loaded"); String url="jdbc:odbc:abc"; Connection con=DriverManager.getConnection(url); System.out.println("Connection to database created"); con.close(); } catch(SQLException e) { System.out.println("SQL Error "); { catch(Exception e) { System.out.println("error"); } }</pre>	4	N	A	2	both b and c
475	<pre>what is the output of following code Try{ String sql="update emp set salary=? Where id=?"; PreparedStatement pstmt=con.prepareStatement(sql); } Catch(SQL Exception e) { }</pre>	4	N	A	2	update emp by accepting salary and id as a parameter
476	<pre>What is the output of following Program import java.sql.*; public class jdbcConn { public static void main(String[] args) throws Exception{ Class.forName("org.apache.derby.jdbc.ClientDriver"); Connection con = DriverManager.getConnection("jdbc:derby://localhost:1527/testDb","name","pass"); Statement stmt = con.createStatement(); String query = "insert into emp values(2,'name1','job)"; String query1 ="insert into emp values(5,'name2','job)"; String query2 = "select * from emp"; ResultSet rs = stmt.executeQuery(query2); int no_of_rows = 0; while (rs.next()) { no_of_rows++; } System.out.println("No. of rows before commit statement = "+ no_of_rows); con.setAutoCommit(false); stmt.execute(query1); stmt.execute(query); con.commit(); rs = stmt.executeQuery(query2); no_of_rows = 0; while (rs.next()) { no_of_rows++; } System.out.println("No. of rows after commit statement = "+ no_of_rows); }</pre>	4	N	A	2	No. of rows before commit statement = 1 No. of rows after commit statement = 5
477	<pre>What is the output of following program: import java.sql.*; class exp10_5 { public static void main(String m[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:dsname"); Statement cmd=con.createStatement(); rs=cmd.executeQuery("select * from tabel1"); while(rs.next()) { System.out.println(rs.getInt(1)+" "+rs.getInt(2)+" "+rs.getString(3)); } cmd.close(); con.close(); } }</pre>	4	N	A	2	Compile Error
478	<pre>What is the purpose of following code? import java.sql.*; class DeleteRecord { public static void main(String args[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:xyz"); Statement stmt=con.createStatement(); int result=stmt.executeUpdate("delete from emp"); con.close(); } }</pre>	4	N	A	2	Deletes all the record from emp
479	What is the purpose of next() method?	4	N	U	2	next ( ) method is used to retain next elements in a series.
480	What is the query used to display all tables names in SQL Server (Query analyzer)?	4	N	A	2	select * from information_schema.tables
481	What is the return value from stmt.executeQuery("insert into T values (100, 'Smith')")	4	N	A	2	Result Set object
482	What is the return value from stmt.executeUpdate("insert into T values (100, 'Smith')")	4	N	A	2	an int value indicating how many rows are effected from the invocation
483	what is the syntax of close() method in conection interface method	4	N	A	2	public void close() throws SQLException

484	<p>What is the type of 'cmd' object in the following program.</p> <pre>import java.sql.*; class exp11_4 { public static void main(String arg[]) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:dsnname"); String str="select * from emp where ename='ram'"; _____cmd=con._____ (str); ResultSet rs=cmd.executeQuery(); while(rs.next()) { System.out.println(rs.getString(1)+" "+rs.getString(2)); } cmd1.close(); con.close(); } }</pre>	4	N	A	2	PreparedStatement
485	<p>What is the use of Statement interface?</p>	4	N	U	2	Statement interface provides methods to execute queries with database
486	<p>What is, in terms of JDBC, a DataSource?</p>	4	N	U	2	A DataSource is a factory of connections to a physical data source
487	<p>what may be the output of following program</p> <pre>import java.sql.*; class exp10_1 { public static void main(String m[])throws Exception {Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:dsnname"); Statement cmd=con.createStatement(); ResultSets=cmd.executeQuery("select * from tabel1"); while(rs.next()) { System.out.println(rs.getInt(1)+" "+rs.getInt(2)+" "+rs.getString(3)); } cmd.close(); con.close(); } }</pre>	4	N	A	2	1 123 Mahesh 2 453 Suresh
488	<p>What MySQL property is used to create a surrogate key in MySQL?</p>	4	N	U	2	AUTO_INCREMENT
489	<p>What should be at the place of _____ to get the correct output:</p> <pre>import java.sql.*; public class Updatedbase { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:data"); Statement st=con._____; ResultSet rs=st.executeQuery("select * from emp"); System.out.println("before change"); while(rs.next()) { System.out.println("id:"+rs.getInt("id")); System.out.println("salary:"+rs.getString("salary")); System.out.println("name:"+rs.getString("name1")); } int k=st.executeUpdate("Update emp set salary=1000 where id=3"); System.out.println("rows affected:"+k); System.out.println("\n\nafter change"); rs=st.executeQuery("select * from emp"); while(rs.next()) { System.out.println("id:"+rs.getInt("id")); System.out.println("salary:"+rs.getString("salary")); System.out.println("name1:"+rs.getString("name1")); } con.close(); } catch(SQLException e) {} catch(Exception e) {} } }</pre>	4	N	A	2	createStatement()
490	<p>What should be the correction done in the following program to get correct output?</p> <pre>import java.sql.*; import java.io.*; class InsertDemo { public static void main(String args[]) { int c=0; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String myURL="jdbc:odbc:college"; Connection con=DriverManager.getConnection(myURL); Statement st=con.createStatement(); c=st.executeUpdate("insert into emp values(1,4000)") if(c!=0) System.out.println("Record inserted"); else System.out.println("Record NOT inserted"); con.close(); }catch(Exception e){} } }</pre>	4	N	A	2	missing semicolon
491	<p>What should be the correction done in the following program to get correct output?</p> <pre>import java.Sql.*; import java.io.*; class insertDemo { public static void main(String args[]) { int c=0; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String myURL="jdbc:odbc:college"; Connection con=DriverManager.getConnection(myURL); Statement st=con.createStatement(); c=st.executeUpdate("insert into emp values(1,4000)"); if(c!=0) System.out.println("Record inserted"); else System.out.println("Record NOT inserted"); con.close(); }catch(Exception e){} } }</pre>	4	N	A	2	import java.SQL.*;
492	<p>What should be the correction done in the program to get correct output?</p> <pre>class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN", " ", " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System .out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) 26 { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t \t"+rs.getDouble(3)); } s.close(); c.close(); } }</pre>	4	N	A	2	Missing package statement.
	<p>What should be the correction done in the program to get correct output?</p> <pre>import java.sql.*; class Ddemo1 { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection</pre>					

493	<pre>c=DriverManager.getConnection("jdbc:odbc:ODSN"," " " "); Statement s=c.createStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t \t"+rs.getDouble(3)); s.close(); c.close(); } }</pre>	4	N	A	2	Missing }
494	<p>What should be the correction done in the program to get correct output? import java.sql.*; class TestData { public static void main(String args[]) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:StudDSN"); Statement s=c.prepareStatement(); ResultSet rs=s.executeQuery("select *from StudTable"); System.out.println("Name" + " \t " + "Roll_No" + " \t " + "Avg"); while(rs.next()) { System.out.println(rs.getString(1)+" \t "+rs.getInt(2)+" \t \t"+rs.getDouble(3)); } s.close(); c.close(); } }</p>	4	N	A	2	Error in connection statement
495	<p>What statement should be modified to get the output as shown in fig. import java.sql.*; class stud1 { public static void main(String ar[])throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:studdsn"); Statement s1=con.createStatement(); ResultSet res; System.out.println("Before insertion"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getInt(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } Statement st=con.createStatement(); st.executeUpdate("insert into student values('Joshi',10,75)"); System.out.println("inserted"); System.out.println("After insertion"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getString(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } } }</p> <p>Figure:-</p> 	4	Y1	A	2	System.out.println("&quot;Name &quot;+res.getInt(1)+&quot; Roll_NO &quot;+res.getInt(2)+&quot; per &quot;+res.getInt(3)); should be System.out.println("&quot;Name &quot;+res.getString(1)+&quot; Roll_NO &quot;+res.getInt(2)+&quot; per &quot;+res.getInt(3));
496	<p>What the following statement returns? SQLWarning warning = statement.getWarnings(); System.out.println("Message: " + warning.getMessage());</p>	4	N	U	2	Description about SQL warning
497	<p>What will be display in output using the following code. import java.sql.*; class Test { public static void main(String[] args) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con = DriverManager.getConnection("jdbc:odbc:naresh"); System.out.println("connection established"); con.close(); } catch(Exception e){ } } }</p>	4	N	A	2	connection established
498	<p>what will be output of given code //Load the database Driver Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); //Establish connection with the database Connection Con=DriverManager.getConnection("jdbc:odbc:Stud1") //Create the statement object Statement stmt=con.createStatement(); //Formulate the query String sql="delete from StudTable where Name="Abc"; //Execute the query i=stmt.executeUpdate(sql); System.out.println("Record deleted...."+i); con.close();</p>	4	N	A	2	record will be deleted
499	<p>What will be output of this program import java.sql.*; public class JDBCExample { public static void main(String[] args) throws Exception { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Connecting to database..."); conn = DriverManager.getConnection(jdbc:odbc:stud"); stmt = conn.createStatement(); String sql = "CREATE TABLE REGISTRATION " + "(id INTEGER not NULL, " + " first VARCHAR(255),"+"last VARCHAR(255)," + " age INTEGER, " + " PRIMARY KEY ( id ))"; stmt.executeUpdate(sql); }</p>	4	N	A	2	It will create a table with name registration
	<p>What will be the out of the following code? import java.awt.*; import java.io.*; public class</p>					

500	Demo { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); Connection con=DriverManager.getConnection("jdbc:odbc:mybd1"); System.out.println("Connection Establish"); con.close(); System.out.println("Connection close "); } catch(Exception e) { System.out.println("Error"); } } }	4	N	U	2	Error
501	What will be the output for following code? import java.sql.*; class SelectD { public static void main(String a[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:if"; Connection con=DriverManager.getConnection(url); System.out.println(" Connection to DataBase created"); Statement stmt =con.createStatement(); String query ="select * from student where stud_marks>70"; ResultSet rs =stmt.executeQuery(query); while(rs.next()) { System.out.println(" Roll number : " + rs.getInt(1)); System.out.println(" Student name : "+ rs.getString(2)); System.out.println(" Percentage : "+ rs.getInt(3)); System.out.println(); } } catch(ClassNotFoundException e) { e.printStackTrace(); } catch(SQLException e) { e.printStackTrace(); } } }	4	N	A	2	Display student' roll number, student name and percentage those havi greater than 70.
502	What will be the Output of following code? import java.sql.*; public class SmtInterfaceDemo { public static void main(String args[]) { try{ Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:db"); System.out.println("Connection established....."); Statement smt=con.createStatement(); System.out.println("Statement Created....."); String sql="create table t2(Name char,Age int)"; boolean result=smt.execute(sql); if(result==true) { System.out.println("Table Created....."); } else { System.out.println("Table not Created....."); } con.close(); } catch(ClassNotFoundException e) { e.printStackTrace(); } catch(SQLException se) { se.printStackTrace(); } } }	4	N	U	2	Table is created with two data field in database
503	What will be the output of following code? import java.sql.*; public class JdbcGetConnection { public static void main(String args[]) { Connection con = null; Statement st = null; ResultSet rs = null; try { Class.forName("com.mysql.jdbc.Driver"); con = DriverManager.getConnection( "jdbc:mysql://localhost:3306/komal", "root", "root"); System.out.println("Connection is closed : " + con.isClosed()); con.close(); System.out.println("Connection is closed : " + con.isClosed()); } catch (Exception e) { System.out.println(e); } } }	4	N	A	2	Connection is closed : false Connection is closed : true
504	What will be the output of following program? import java.sql.*; class DBTest { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:xyz"; Connection con=DriverManager.getConnection(url); System.out.println("Connection to database is created"); Statement st=con.createStatement(); System.out.println("Statement Object is created"); } catch(SQLException e) { System.out.println("SQL Error"); } catch(Exception e) { System.out.println("Error"); } } }	4	N	A	2	Driver Loaded Connection to database created Statement Object is cre
505	What will be the output of following program? import java.sql.*; class conn1 { public static void main(String h[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver are properly loaded"); String url="jdbc:odbc:xyz"; Connection con=DriverManager.getConnection(url); System.out.println("connection established"); Statement state=con.createStatement(); String sql="create table stu14(Name char,Age int)"; boolean res=state.execute(sql); if(res==0) System.out.println("table not created"); else System.out.println("table created"); } catch(SQLException e) { System.out.println("Sql error has ocured"); } } }	4	N	A	2	Driver are properly loaded connection established and table created
506	WHAT WILL BE THE OUTPUT OF THE BELOW PROGRAM: import java.sql.*; class ConnectionTest { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver loaded"); String url="jdbc:odbc:xyz"; Connection con = DriverManager.getConnection(url); System.out.println("connection to database created"); } catch(SQLException e) { System.out.println("SQL error"); } catch(Exception e) { System.out.println("error"); } } }	4	N	A	2	BOTH Option i and Option ii
507	What will be the result of executing the following code snippet? Statement sql2 = con.createStatement(); int result=sql2.executeUpdate("Select * From Publishers");	4	N	A	2	Will result in compilation error
508	What will happen if resultSet() is not present in JDBC?	4	N	A	2	None of the above

509	What will happen if we does not use the close() method?	4	N	A	2	Connection will does not close
510	What will the following statement display? select Student.* from Student, Course, Enrollment where Student.ssn = Enrollment.ssn and Enrollment.courseId and Course.title = 'Java Programming' and Student.lastName like 'S%';	4	N	A	2	The statement displays all students taking the Java Programming cours starting with S.
511	When a connection is created, by default it is in _____	4	N	U	2	auto commit mode
512	When the message "No suitable drivers found" is displayed?	4	N	U	2	if JDBC database URL passed is not constructed properly.
513	When using ODBC, which of the following processes ODBC requests and submits specific SQL statements to a given type of data source?	4	N	A	2	Driver.
514	Where is Metadata stored in MYSQL?	4	N	U	2	In MYSQL database Mysql
515	Where to write query to delete records in the following program import java.sql.*; public class DeleteRecords { public static void main(String args[]) { String s1; int cnt=0; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers are properly loaded"); String url="jdbc:odbc:abcd"; Connection con=DriverManager.getConnection(url); System.out.println("Connection Established"); Statement st=con.createStatement(); st.executeUpdate(); con.close(); } catch(SQLException e) { System.out.println("SQL Error Has Occured"); } catch(Exception e) { System.out.println("Erroe"); } } }	4	N	A	2	As a parameter to ExecuteUpdate Query
516	Which are the statements related to retrieving table names from a database?	4	N	A	2	... Connection con = ... ; DatabaseMetaData dbmd = con.getMetaData( null; String schema = null; String table = "sys%"; String[ ] types = null; dbmd.getTables(catalog , schema , table , types ); ...
517	Which class has traditionally been the backbone of the JDBC architecure ?	4	N	U	2	A.the JDBC driver manager
518	Which interface allows storing results of query.F39	4	N	U	2	ResultSet
519	which are Exception generated following code import java.sql.*; class Test { public static void main(String[] args) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); String url="jdbc:odbc:xyz"; Connection con = DriverManager.getConnection(url); Statement s = con.createStatement(); s.executeUpdate("create table TEST12345 ( firstcolumn integer )"); s.executeUpdate("insert into TEST12345 values(1)"); s.executeUpdate("select firstcolumn from TEST12345"); ResultSet rs = s.getResultSet(); if (rs != null) while ( rs.next() ) { System.out.println("Data from column_name: " + rs.getString(1) ); } s.close(); con.close(); } }	4	N	A	2	ClassNotFoundException, SQLException
520	Which are methods belongs to DataBaseMetaData?	4	N	U	2	getUserName(). ,isReadOnly()
521	which are the methods are used for Connection interface	4	N	U	2	All of the above
522	Which class not comes under java.sql package	4	N	A	2	Class
523	Which class will use to create the ps object in the given code? import java.sql.*; public class create { public static void main(String a[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:mysdn"; Connection con=DriverManager.getConnection(url); System.out.println(" Connection to DataBase created"); Statement stmt=con.createStatement(); String query = "create table employee1(emp_id int,emp_name char)"; _____ ps = con.prepareStatement(query); ps.executeUpdate() System.out.println("table created"); ps.close(); con.close(); } catch(SQLException e) { e.printStackTrace(); } catch(Exception e) { e.printStackTrace(); } } }	4	N	A	2	PreparedStatement
524	Which code is correct to generate the given output? Figure:-	4	Y1	A	2	a) PreparedStatement p=c.prepareStatement("&quot;Select * from Emp Name='Ram'&quot;);



525	Which code segment could execute the stored procedure "countRecs()" located in a database server?	4	N	U	2	CallableStatement cs = con.prepareCall("&quot;{call COUNTRECS}&quot;"); cs.executeQuery();
526	Which driver is called as thin-driver in JDBC	4	N	A	2	Type-4
527	Which driver is efficient and always preferable to use in JDBC applications?	4	N	U	2	Type 4
528	Which interface provides methods to execute queries with the database?	4	N	U	2	Statement interface
529	which interfaces provide methods for batch processing in JDBC	4	N	U	2	Both A & B
530	Which is a correct component of JDBC API	4	N	U	2	both a & b
531	Which is not a Navigation method of ResultSet interface	4	N	U	2	beforeLast()
532	which is the correct description of the close() method	4	N	A	2	closes the current stmt object
533	Which is the correct method for updating table rows from given option. <pre>import java.sql.*; public class Updatedbase { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:data"); Statement st=con.createStatement(); ResultSet rs=st.executeQuery("select * from emp"); St.*****("Update emp set name1='jack' where id=2"); System.out.println("\n\nafter change"); rs=st.executeQuery("select * from emp"); while(rs.next()) { System.out.println("id:"+rs.getInt("id")); System.out.println("salary:"+rs.getString("salary")); } con.close(); } catch(SQLException e){} catch(Exception e) { } }</pre>	4	N	A	2	executeUpdate()
534	Which is the correct option form the following for JDBC driver types?	4	N	U	2	1 JDBC-ODBC bridge plus ODBC driver, also called Type 1. 2 Native-API, also called Type 2. 3 JDBC-Net, pure Java driver, also called Type 3. 4 N Java driver, also called Type 4.
535	Which JDBC driver maps the JDBC calls to the native method calls, which are passed to the local native Call Level Interface (CLI)?	4	N	U	2	Native-API-Partly-Java driver
536	Which JDBC driver Type(s) can be used in either applet or servlet code?	4	N	A	2	Both Type 3 and Type 4
537	Which JDBC driver Type(s) can you use in a three-tier architecture and if the Web server and the DBMS are running on the same machine?	4	N	A	2	All of Type 1, Type 2, Type 3 and Type 4
538	Which JDBC driver Type(s) is (are) the JDBC-ODBC bridge?	4	N	U	2	Type-1
539	Which JDBC driver Types are for use over communications networks?	4	N	A	2	Both Type 3 and Type 4
540	Which kind of driver converts JDBC calls into calls on the client API for Oracle, Sybase, Informix, IBM DB2, or other DBMS?	4	N	U	2	B. Native -API partly-java driver
541	Which list gives a quick way to determine which Connection method is appropriate for creating different types of SQL statements?	4	N	U	2	D.All of the mentioned above
542	Which maintains a cursor pointing to a particular row of data,Initially, cursor points to before the first row?	4	N	U	2	ResultSet interface
543	Which method executes an sql statement that may return multiple results.	4	N	U	2	execute()
544	Which method is incorrect to execute sql query	4	N	U	2	executeUpdate("&quot;select * from MSBTE&quot;);



545	Which method is missing of statement Interface to create table? import java.sql.*; public class createtable { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Drivers are properly loaded"); String url="jdbc:odbc:abcd"; Connection con=DriverManager.getConnection(url); System.out.println("Connection Established"); String sql="create table employee(emp_id int,emp_name char)"; PreparedStatement ps=con.prepareStatement(sql); System.out.println("table created"); ps.close(); con.close(); } catch(SQLException e) { System.out.println("SQL Error Has Occured"); } catch(Exception e) { System.out.println("Erroe"); } } }	4	N	A	2	execute()
546	Which method returns the current result in multiple result statements?	4	N	A	2	getUpdateCount()
547	Which minimum package statements are missing? class conn { conn() { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:samarth"); PreparedStatement ps=con.prepareStatement("Select * from Book"); ResultSet rs=ps.executeQuery(); while(rs.next()) { System.out.println("ID="+rs.getInt(1)); System.out.println("Name="+rs.getString(2)); System.out.println("Author="+rs.getString(3)); } } catch(Exception e) { System.out.println(e); } } public static void main(String args[]) { new conn(); } }	4	N	U	2	java.sql.*;
548	Which object provides DatabaseMetaData object?	4	N	U	2	Connection
549	Which object provides ResultSetMetaData object?	4	N	U	2	ResultSet
550	Which object provides you with methods to access data from the table?	4	N	U	2	ResultSet
551	Which of the following statement is a prepared statements ?	4	N	A	2	Insert into department values(?,?,?)
552	Which of the following are the methods of statement interface?	4	N	A	2	Both A & B
553	Which of the following describes the correct sequence of the steps involved in making a connection with a database. 1. Loading the driver 2. Process the results. 3. Making the connection with the database. 4. Executing the SQL statements.	4	N	A	2	1,3,4,2
554	Which of the following describes the correct url String format of getConnection() method.	4	N	U	2	protocol,subprotocol,datasource name
555	Which of the following invokes stored procedures in sql?	4	N	U	2	callable statements
556	Which of the following is correct sequence of steps regarding to establish the connection with database. 1. Creating connection 2. Closing connection 3. Executing queries 4. Creating statement	4	N	U	2	1,4,3,2
557	which of the following is not true for Statement and PreparedStatement?	4	N	U	2	None of above
558	Which of the following is the correct syntax of executeQuery() method?	4	N	U	2	ResultSet executeQuery(String str)
559	Which of the following is true	4	N	A	2	The two tiers are often called as Application layer includes JDBC drivers user interfaces whereas second layer.
560	Which of the following is used to access the database server at time of executing the program and get the data from the server accordingly ?	4	N	U	2	Dynamic SQL
561	Which of the following method is supported by Statement interface?	4	N	U	2	All of the mentioned
562	Which of the following method is used to open the connection with the database	4	N	U	2	Connection con = DriverManager. getConnection ("jdbc:odbc:somedb",
563	Which of the following piece of code shows how to retrieve the value of the Row Id for a particular Row ?	4	N	U	2	String selectQuery = "select rowid from Employees where id =12 resultSet = statement.executeQuery(selectQuery); java.sql resultSet.getRowId();
564	Which of the following query is correct to fetch all the records from database. Import java. Sql.*; class MysqlCon{ public static void main (String args[]){ try { Class.forName ("com.mysql.jdbc. Driver"); Connection con = DriverManager. getConnection ("jdbc:mysql://localhost:3306/abc","root","root"); Statement stmt = stmt = con. createStatement(); ResultSet rs = while (	4	N	A	2	C. Stmt.executeQuery("select* from emp");

	<pre>rs.next()) System.out.println(rs.getInt(1)+ " " + rs.getString(2) + "" + rs.getString(3)); con.close(); } catch (Exception e ) { System.out.println(e);} }</pre>					
565	Which of the following query is used for SELECT query?	4	N	U	2	executeQuery(String sql)
566	Which of the following statement is false as far as different type of statements is concern in JDBC.	4	N	U	2	D)Interim Statement
567	Which of the following statement is false as Type 4 driver is concern:	4	N	U	2	Type 4 drivers can not be used with NetScape.
568	which of the following statement is true in case security consideration for JDBC. A)normal unsigned applets are generally untrustworthy. B) Downloaded driver should be used for connection purpose only. C)No automatic or implicit use of local credentials while connecting to remote database servers. D)Untrusted applets should not be permitted to access to local database data.	4	N	A	2	all of the above
569	which of the following statement is used to scroll database forward and backward	4	N	A	2	Statement si=con.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE
570	Which of the following statement should be inserted to display contents of last record and where that statement should be inserted 1.import java.sql.*; 2.public class JDBCExample { 3. public static void main(String[] args) { 4. Connection conn = null; 5. Statement stmt = null; 6. Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); 7. System.out.println("Connecting to database..."); 8.conn = DriverManager.getConnection(jdbc:odbc:stud"); 9.System.out.println("Creating table in given database..."); 10.System.out.println("Creating statement..."); 11. stmt = conn.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONCUR_READ_ONLY); 12.String sql = "SELECT id, age FROM Registration"; 13. ResultSet rs = stmt.executeQuery(sql); 14. int id = rs.getInt("id"); 15. int age = rs.getInt("age"); 16. System.out.print("ID: " + id); 17. System.out.print(" Age: " + age); } 18. rs.close(); 19. System.out.println("Goodbye!");}}	4	N	A	2	After line no 13 rs.last()
571	Which of the following statements are true about Two tier client server model. a)it is simple in design b)client side scripting uploads work onto the client. c) It is scalebale.	4	N	U	2	a and b
572	Which of the following statements are true?	4	N	U	2	A AND C
573	Which of the following statements is a true statement concerning the open database connectivity standard (ODBC)?	4	N	U	2	All of the above.
574	Which of the following statements is true concerning JDBC?	4	N	U	2	It is similar concept to ODBC.
575	Which of the following method is used for sending SQL statements	4	N	U	2	Statement
576	Which of the missing code need to be inserted in a given code to delete second row in ResultSet. import java.sql.*; import java.sql.ResultSet.*; class delrset { public static void main(String args[]) { try {Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con =DriverManager.getConnection("jdbc:odbc:stud"); Statement s = con.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,ResultSet.CONCUR_UPDATABLE); ResultSet rs=s.executeQuery("select * from stud"); while(rs.next()) System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getInt(3)); System.out.println("After deleting row :"); rs.first(); System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getInt(3)); while(rs.next()) {System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getInt(3)); } con.close(); } catch(Exception e){ } } }	4	N	A	2	rs.absolute(2); rs.deleteRow();
577	Which ONE of the following is missing statement in the program below? import java.sql.*; class ExecuteQueryTest { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver loaded"); String url="jdbc:odbc:aditya"; Connection con = DriverManager.getConnection(url); System.out.println("connection to database created"); Statement st = con.createStatement(); System.out.println("Statement object created"); String sql="select Name,Age from tanni"; ResultSet results = state.executeQuery(sql); String text=" "; while() { text +=results.getString(1)+ "" +results .getInt (2)+ '\n'; } System.out.println(text); } catch (SQLException e) { System.out.println("SQL error"); } catch (Exception e) { System.out.println("error"); } } }	4	N	A	2	results.next()

578	Which one of the following methods is used to execute INSERT, UPDATE, and DELETE statements in a Java application?	4	N	U	2	executeUpdate()
579	Which statement create an error import java.sql.*; class data { public static void main(String a[]) throws Exception { Driver d= new Driver(); DriverManager.registerDriver(d); Connection con =DriverManager.getConnection("Jdbc:Odbc:XXX"); Statement s=con.createStatement(); } }	4	N	A	2	while creating Driver object
580	Which statement is correct after firing delete statement of SQL? import java.sql.*; class DeleteD { public static void main(String a[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Driver Loaded"); String url="jdbc:odbc:if"; Connection con=DriverManager.getConnection(url); System.out.println("Connection to DataBase created"); Statement stmt = con.createStatement(); String querySel = "Select * from student"; ResultSet rs = stmt.executeQuery(querySel); System.out.println("Before Delete"); while(rs.next()) { System.out.println(" Roll number : "+ rs.getInt(1)); System.out.println(" Student Name : "+ rs.getString(2)); System.out.println(" Student Marks : "+ rs.getInt(3)); System.out.println(); } String querydel = "delete from student where stud_name='Sanjay'"; _____ rs = stmt.executeQuery(querySel); System.out.println("After Delete"); while(rs.next()) { System.out.println(" Roll no : "+ rs.getInt(1)); System.out.println(" Student Name : "+ rs.getString(2)); System.out.println(" Student marks : "+ rs.getInt(3)); System.out.println(); } } catch(SQLException e) { e.printStackTrace(); } catch(Exception e) { e.printStackTrace(); } } }	4	N	A	2	stmt.executeUpdate(querydel);
581	Which statement is correct in case of Type 1 JDBC driver a) Type I driver is slow driver. b)Type I Driver is not portable ,because it is a database independent but platform deperdent. c)Type Driver is not suitable for real time application	4	N	U	2	all of above
582	Which Statement is given the error in the following code import java.sql.*; class dataI { public static void main(String a[]) { try { Driver d= new sun.jdbc.odbc.JdbcOdbcDriver(); DriverManager.registerDriver(d); Connection con =DriverManager.getConnection("Jdbc:Odbc:xxx"); Statement s=con.createStatement(); s.executeUpdate("Insert into Table1 values('hhh',12)"); if(n==1) { System.out.println("Record inserted "); con.close(); } } catch(Exception e) { System.out.println("not Inserted"+e); } } }	4	N	A	2	Sql Query Statement and variable 'if' statement
583	Which statement is static and synchronized in JDBC API?	4	N	U	2	getConnection()
584	Which Statement is used to execute Dynamic Query	4	N	U	2	PreparedStatement
585	Which statement required for getting proper output import java.sql.*; public class updatevalues1 { public static void main(String args[]) { try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:db"); String sql="update StudTable set Name=? where Rollno=2"; String Name="Ram"; PreparedStatement ps=con.prepareStatement(sql); ps.setString(1,Name); ----- ; System.out.println("Record Updated....."); con.close(); } catch(ClassNotFoundException e) { e.printStackTrace(); } catch(SQLException se) { se.printStackTrace(); } } }	4	N	A	2	ps.executeUpdate()
586	Which statement should be correct for displaying the correct out put? import javax.swing.*; import java.io.*; class dataM { public static void main(String a[]) { String type[]= {"TABLE","View"}; try { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con =DriverManager.getConnection("Jdbc:Odbc:xxx"); Statement s=con.createStatement(); DatabaseMetaData md=rs.getMetaData(); System.out.println("Database is:"+md.getDatabaseProductName()); System.out.println("SQL Keywords is:"+md.getSQLKeywords()); ResultSet rs=md.getTables(null,null,null,types); While(rs.next()) { String to=rs.getString(2); String tn=rs.getString(3); String tt=rs.getString(4); System.out.println(to+" "+tn+" " +tt+" "); } con.close(); } catch() { System.out.println(e); } }	4	N	A	2	Import Package and catch() Statement
587	Which statements about JDBC are true?	4	N	A	2	JDBC stands for Java DataBase Connectivity
588	Which statements are needed to establish connection to database?	4	N	A	2	Class.forName("&quot;sun.jdbc.odbc.JdbcOdbcDriver&quot;); Connection c=DriverManager.getConnection("&quot;jdbc:odbc:ODSN&quot;,&quot; ;&quot;);

589	Which statements are required in following program to insert one record in table import java.sql.*; public class JDBCExample { public static void main(String[] args) { Connection conn = null; Statement stmt = null; Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); System.out.println("Connecting to database..."); conn = DriverManager.getConnection(jdbc:odbc:stud"); System.out.println("Inserting records into the table..."); stmt = conn.createStatement();  _____ _____ System.out.println("Inserted records into the table..."); System.out.println("Goodbye!"); }}	4	N	A	2	String sql = &quot;INSERT INTO Registration &quot;+&quot;VALUES (1018)&quot;; stmt.executeUpdate(sql);
590	Which statements are used to display the contents of table? import java.sql.*; public class jdbcResultSet { public static void main(String[] args) { try { Class.forName("sun.jdbc.odbc.jdbcodbcDriver"); } catch(ClassNotFoundException e) { System.out.println("Class not found "+ e); } try { Connection con = DriverManager.getConnection ("jdbc:derby://localhost:1527/testDb", "username", "password"); Statement stmt = con.createStatement(); ResultSet rs = stmt.executeQuery ("SELECT * FROM employee"); System.out.println("id name job"); while (rs.next()) { int id = rs.getInt("id"); String name = rs.getString("name"); String job = rs.getString("job"); System.out.println(id+" "+name+" "+job); } } catch(SQLException e){ System.out.println("SQL exception occurred" + e); } } }	4	N	A	2	getString,getInt methods
591	Which statements are wrong in bellow program import java.sql.*; class stud5 { public static void main(String ar[])throws Exception { Class.forName("jdbc:odbc:studdsn"); Connection con=DriverManager.getConnection("sun.jdbc.odbc.JdbcOdbcDriver"); Statement s1=con.createStatement(); ResultSet res; System.out.println("Before insertion"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getString(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } PreparedStatement st=con.prepareStatement("insert into student values(?,?,?) "); st.setString(1,"Sayali"); st.setInt(2,45); st.setInt(3,70); st.executeUpdate(); st.setString(1,"Katta"); st.setInt(2,43); st.setInt(3,70); st.executeUpdate(); System.out.println("After insertion"); res=s1.executeQuery("select * from student"); while(res.next()) { System.out.println("Name\t"+res.getString(1)+" Roll_NO\t"+res.getInt(2)+" per\t"+res.getInt(3)); } }	4	N	A	2	Class.forName(&quot;jdbc:odbc:studdsn&quot;); Connection con=DriverManager.getConnection(&quot;sun.jdbc.odbc.JdbcOdbcDrive
592	Which type of driver converts JDBC calls into the network protocol used by the database management system directly?	4	N	U	2	Type 4 driver
593	Which type of Statement can execute parameterized queries?	4	N	U	2	PreparedStatement
594	while(rs.next()) { String n=rs.getString("name"); System.out.println("name:"+n); String n1=rs.getString("rollnumber"); System.out.println("rollnumber:"+n1); } What does the above code do?	4	N	A	2	D. none of the above
595	Write a java code to access id, age, first from table given below Employees :   id   first   last   age	4	N	A	2	A. sql = &quot;SELECT id, age, first FROM Employees&quot;; ResultSet r executeQuery (sql); while (rs.next()) { int id = rs. getInt(&quot;id&quot;); getInt (&quot;age&quot;); String first= rs.getString (&quot;first&quot;);
596	Write the missing statement? import java.sql.*; class Rsmd{ public static void main(String args[]){ try{ Class.forName("oracle.jdbc.driver.OracleDriver"); Connection con=DriverManager.getConnection( "jdbc:oracle:thin:@localhost:1521:xe", "system", "oracle"); PreparedStatement ps=con.prepareStatement("select * from emp"); ResultSet rs=ps.executeQuery(); ----- System.out.println("Total columns: "+rsmd.getColumnCount()); System.out.println("Column Name of 1st column: "+rsmd.getColumn(1)); System.out.println("Column Type Name of 1st column: "+rsmd.getColumnTypeName(1)); con.close(); } catch(Exception e){ System.out.println(e); } }	4	N	A	2	ResultSetMetaData rsmd=rs.getMetaData();
597	Write the missing statements? import java.sql.*; class InsertPrepared{ public static void main(String args[]){ try{ Class.forName("oracle.jdbc.driver.OracleDriver"); Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "oracle"); PreparedStatement stmt=con.prepareStatement("insert into Emp values(?,?)"); stmt.setInt(1,101); stmt.setString(2,"Ratan"); int i=stmt.executeUpdate();	4	N	A	2	con.close();

	System.out.println(i+" records inserted"); ----- }catch(Exception e){ System.out.println(e);} } }					
598	Write which method is used for following program execution in blank space: import java.sql.*; class exp11_1 { public static void main(String arg[]) { Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection con=DriverManager.getConnection("jdbc:odbc:dsnname"); PreparedStatement cmd=con.prepareStatement("select * from emp"); ResultSet rs= cmd._____ (); while(rs.next()) { System.out.println(rs.getInt(1)+" "+ rs.getString(2) rs.getString(3)+" "+rs.getInt(4)); } cmd.close(); con.close(); } }	4	N	A	2	executeQuery()
599	____ type of driver is very flexible and need not code installation on the client machine	4	N	U	2	Type 3-JDBC-Net Pure java
600	_____moves the cursor to the specified row	4	N	A	2	public boolean absolute(int row)
601	_____ is an open source DBMS product that runs on UNIX, Linux and Windows.	4	N	U	2	MySQL
602	_____ is the key to _____ with respected to RDBMS?	4	N	U	2	Serialization,persistence
603	_____ Calls get converted into native c or c++ API calls	4	N	A	2	JDBC API
604	_____ interface allows stroing results of query?	4	N	R	2	ResultSet
605	_____ method of Connection interface is used to create the Statement object.	4	N	U	2	createStatement()
606	_____ method of DriverManager is used to establish connection with the database.	4	N	U	2	getConnection()
607	_____ Returns the current row number, with the first row starting at 1	4	N	U	2	getRow()
608	_____ Returns a ResultSetMetaData object describing the ResultSet.	4	N	U	2	getMetaData
609	..... can not directly communicate with database to submit data & retrieve the result.	4	N	U	2	JDBC
610	Which of the following statements loads the JDBC-ODBC driver?	4	N	U	2	Class.forName("&quot;sun.jdbc.odbc.JdbcOdbcDriver&quot;);



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Q No	Question	To pic	Fig ure	Q Type	Mar ks	Answer	Ed
1	In which method of the servlet, connection is created?	5	N	R	1	init()	Ed
2	..... is the first phase of the servlet life cycle.	5	N	R	1	Initialization	Ed
3	4.Name the class that includes the getSession() method	5	N	R	1	HttpSession	Ed
4	A cookie contains _____	5	N	R	1	State information of user like name, address	Ed
5	A cookie is stored on _____ and contains state information.	5	N	R	1	client	Ed
6	A Deployment descriptor describes _____	5	N	R	1	web component settings	Ed
7	A JSP is transformed into a	5	N	R	1	Java servlet	Ed
8	A JSP is translated to _____	5	N	R	1	Servlet	Ed
9	A JSP page consists of which tags?	5	N	R	1	Both A & B	Ed
10	A JSP page uses the java.util.ArrayList class many times. Instead of referring the class by its complete package name each time, we want to just use ArrayList. Which attribute of page directive must be specified to achieve this.	5	N	R	1	import	Ed
11	A servlet is an instance of_____.	5	N	R	1	the HttpServlet class	Ed
12	A user types the URL http://www.msbt.com/result.php. Which HTTP request gets generated? Select the one correct answer	5	N	R	1	GET method	Ed
13	A _____ is a small piece of information that is persisted between the multiple client requests.	5	N	R	1	cookie	Ed
14	Abbreviate the term MIME?	5	N	R	1	Multipurpose internet Mail Extension	Ed
15	Advantage of JSP over Servlet is _____	5	N	R	1	JSP is web page scripting language and servlets are Java programs	Ed
16	An image file representing a company's logo has to be uploaded to the server. Which of the following HTTP methods can be used in this situation?	5	N	R	1	doPut()	Ed
17	An object of Which is created by the web container at time of deploying the project?	5	N	R	1	ServletContext	Ed
18	By default, how long does a cookie last?	5	N	R	1	By default, a newly created cookie persists until the browser exits.	Ed
19	By Default, How many variables are available in JSP programs?	5	N	R	1	6	Ed
20	By default, Tomcat runs on port _____.	5	N	R	1	8080	Ed
21	CGI stands for _____	5	N	R	1	Common Gateway Interface	Ed

22	CGI was expensive in terms of _____ and _____ to create separate process for each client request	5	N	R	1	Process,Memory, Resource	Ed
23	Choose correct scopes into JSP	5	N	R	1	page,request,session,application	Ed
24	choose correct syntax of directive:	5	N	R	1	&lt;%@ directive_name%&gt;	Ed
25	Cookie class consist _____.	5	N	R	1	name and value	Ed
26	Cookie is the piece of information which stores the session related data like _____.	5	N	R	1	username,password,time,date	Ed
27	Cookies can be deleted by using..... Method.	5	N	R	1	setMaxAge( )	Ed
28	Cookies sent from _____ to _____	5	N	R	1	Server,Client	Ed
29	Different methods used by cookie class are	5	N	R	1	All of the above	Ed
30	During Initialization of Servlet, a servlet instance can throw _____.	5	N	R	1	Both i) and ii)	Ed
31	Dynamic interception of requests and responses to transform the information is done by	5	N	R	1	Servlet filter	Ed
32	Filters were officially introduced in the Servlet _____ Specification.	5	N	R	1	2.3	Ed
33	Following method is not valid life cycle method of JSP	5	N	R	1	jspStop()	Ed
34	Generic Servlet belongs to _____ package of java.	5	N	R	1	javax.servlet	Ed
35	GenericServlet implements the _____ and _____.	5	N	R	1	Servlet, servletConfig	Ed
36	getCookies is method of which of the following ?	5	N	R	1	HttpServletRequest	Ed
37	getSession() method with true as parameter it will return the appropriate session object	5	N	R	1	session is existing	Ed
38	getWriter() method can be called by -----object	5	N	R	1	ServletResponse object	Ed
39	Give the examples of Application Server from the following?	5	N	R	1	All of the above	Ed
40	How can we get context init parameter and run some code before rest of the application can service a client?	5	N	R	1	ServletContextListener	Ed
41	How does tomcat executes a JSP?	5	N	R	1	By one of Tomcat's thread	Ed
42	How many character we send though doGet()?	5	N	R	1	1024	Ed
43	How many copies of a JSP page can be in memory at a time?	5	N	R	1	one	Ed
44	How to send data in get method?	5	N	R	1	through URL	Ed
45	HTTP servlet uses methods like _____.	5	N	R	1	doPost(),doGet()	Ed
46	HttpServlet is a subclass of _____.	5	N	R	1	GenericServlet	Ed
47	Identify correct servlet interface	5	N	R	1	Servlet	Ed
48	Identify correct syntax of service() method of servlet class	5	N	R	1	void service(HttpServletRequest req, ServletResponse res)	Ed
49	If an expiration date is not explicitly assigned to a cookie _____	5	N	R	1	it is deleted when the current browser session ends	Ed
50	If you want to track active session or how many users are there? which listener you should use.	5	N	R	1	HttpSessionListener	Ed

51	in a web application, running in a webserver, who is responsible for creating request and response object	5	N	R	1	Servlet	Ed
52	In Http request method which is non-idempotent?	5	N	R	1	POST method	Ed
53	In HTTP Request Which Asks for the loopback of the request message, for testing or troubleshooting?	5	N	R	1	TRACE	Ed
54	In JSP a Canvas object provides access to a Graphics object via one of its methd called _____	5	N	R	1	paint()	Ed
55	In order to run JSP ..... is required.	5	N	R	1	Java Web Server	Ed
56	In response to HTTP Request servlet sends _____	5	N	R	1	HTTP Response	Ed
57	In which file do we define a servlet mapping?	5	N	R	1	web.xml	Ed
58	In which of these getAttribute () and setAttribute() method is not defined?	5	N	R	1	ServletConfig	Ed
59	In which phase of JSP life cycle ,JSP page turns into servlet?	5	N	R	1	JSP Compilation	Ed
60	init() ,service(),destroy() methods are defined in _____	5	N	R	1	javax.servlet.Servlet interface	Ed
61	Java servlets are an efficient and powerful solution for creating ..... for the web.	5	N	R	1	Dynamic content	Ed
62	javax.servlet package does not contain following class or interface.	5	N	R	1	HttpServlet	Ed
63	JSDK stands for	5	N	R	1	Java Servlet Development Kit	Ed
64	JSP basically used to .....	5	N	R	1	develop server pages	Ed
65	JSP containers are required to support ..... different formats of JSP syntax	5	N	R	1	Two	Ed
66	JSP embeds in ..... in .....	5	N	R	1	Java, HTML	Ed
67	JSP implicit object associated with request is	5	N	R	1	HttpServeletRequest	Ed
68	JSP includes a mechanism for defining ..... or custom tags	5	N	R	1	dynamic attributes	Ed
69	JSP is not governed by the syntax and semantics defined by the ..... specifications.	5	N	R	1	Java 2	Ed
70	JSP is transformed into _____	5	N	R	1	Java Servlet	Ed
71	JSP page compiled and it turn in to_____	5	N	R	1	Servlet	Ed
72	JSP Start and end With the Symbol	5	N	R	1	&lt;% %&gt;	Ed
73	JSP supports _____ implicit objects that JSP container makes available to developers in each page.	5	N	R	1	9	Ed
74	Life cycle of a JSP page consist of following steps.	5	N	R	1	Translation,compilation,Loading and initialization,Request Handling,Destroy	Ed
75	Life cycle of the servlet is managed by	5	N	R	1	servletContainer	Ed
76	Name a class that includes the getSession() method that is used to get the HttpSession	5	N	R	1	HttpServletRequest	Ed
77	Name the class that can be used to get the cookies from the client browser	5	N	R	1	HttpServletRequest	Ed



78	Name the http method that sends the same response as the request.	5	N	R	1	TRACE method	Ed
79	Name the http method used to send resources to the server	5	N	R	1	PUT method	Ed
80	Name the interface which is used to get initialization parameters for Servlet	5	N	R	1	ServletConfig	Ed
81	Name the location of compiled class files within a jar file?	5	N	R	1	/WEB-INF/classes	Ed
82	Name the method defined in the HttpServletResponse class that may be used to set the content type.	5	N	R	1	setContentType	Ed
83	On typing a URL on the address bar, which HTTP request gets generated? Select the one correct answer	5	N	R	1	GET method	Ed
84	Parameters are present in URL while using _____method	5	N	R	1	doGet()	Ed
85	Servlet are webpages generated by the web server In response to the requests send by the	5	N	R	1	client	Ed
86	Servlet is _____ side scripting language	5	N	R	1	Server	Ed
87	Session management is possible using _____	5	N	R	1	All of the mentioned	Ed
88	State true or false for the following statements in Java. i) Java beans slow down software development process. ii) Java Servlets do not have built in multithreading feature.	5	N	R	1	i-false, ii-false	Ed
89	The doGet() Extracts values of the parameter type and number by using _____	5	N	R	1	request.getParameter()	Ed
90	The GET and POST methods are specified in _____.	5	N	R	1	an HTML form	Ed
91	The getSession() method with its parameter [getSession(true)]. It will return the appropriate session object when _____	5	N	R	1	the session is existing	Ed
92	The HttpServlet class is defined in _____ package	5	N	R	1	javax.servlet.http	Ed
93	The HttpServlet class support _____.	5	N	R	1	All of the mentioned	Ed
94	The init parameter name and value pairs that are defined in web.xml file are handled by _____ Object.	5	N	R	1	ServletConfig	Ed
95	The Java _____ specification defines an application programming interface for communication between the Web server and the application program.	5	N	R	1	Servlet	Ed
96	The javax.servlet.jsp package has two interfaces find in the following?	5	N	R	1	JspPage & HttpJspPage	Ed
97	The JspPage interface defines the _____ and _____ method which the page writer can use in their pages and are invoked in much the same manner as the _____ and _____ methods of a servlet.	5	N	R	1	jspInit(), jspDestroy(), init() , destroy()	Ed
98	The lifecycle of Servlet is managed by_____	5	N	R	1	ServletContainer	Ed
99	The major difference between servlet and CGI is	5	N	R	1	Servlets are thread based and CGI is process based	Ed
100	The maximum size of data can be sent by doGet() of HTTP request is	5	N	R	1	240 bytes	Ed
101	The parameters can be passed to an applet by using <PARAM> tag in the following way:	5	N	R	1	&lt;PARAMNAME=parameter_name VALUE=parameter_value&gt;	Ed
102	The purpose of init () in servlet life cycle is	5	N	R	1	initialization	Ed
	The servlet can read its initialization arguments through the						

103	_____.	5	N	R	1	ServletConfig object	Ed
104	The whole life cycle of a servlet breaks up into 3 phases:	5	N	R	1	Initialization, Service , Destroy	Ed
105	The _____ method is called when the servlet is first created, and is not called again as long as the servlet is not destroyed.	5	N	R	1	init	Ed
106	These methods doGet(),doPost(),doHead(),doDelete(),doTrace() are used in?	5	N	R	1	HttpServlet	Ed
107	The_____package contains a number of interfaces and classes that are commonly used by servlet developers	5	N	R	1	javax.serveet.http	Ed
108	This method is called once just before the servlet is unloaded and taken out of service.	5	N	R	1	public void destroy()	Ed
109	TLDs are used by a _____ to validate the tags and by JSP page development tools	5	N	R	1	web container	Ed
110	To compile a Java servlet program, the _____ file must be in the classpath.	5	N	R	1	TomcatRootDir\common\lib\servlet.jar	Ed
111	To get the servlet environment information	5	N	R	1	ServletContext object is used	Ed
112	Tomcat is a _____	5	N	R	1	Web Server	Ed
113	what are mechanism available in servletContextListener interface?	5	N	R	1	contextInitialized(),contextDestroyed()	Ed
114	What are the correct statements about filter?	5	N	R	1	All of these	Ed
115	What are the true sentences about Session-Id?	5	N	R	1	All of these	Ed
116	What is bytecode?	5	N	R	1	Machine Independent code	Ed
117	What is difference between servlets and applet 1)Servlets executes on server ,where applet exexute on browser 2)Servlets have no GUI,Where as Applet has GUI 3) Servlets create static web pages ,where as applet creates dyanamic pages 4)Servlets can handle only a single request, where as applet can handle multiple request	5	N	R	1	1,2 are correct	Ed
118	What is invoked via HTTP on the Web server computer when it responds to requests from a user's Web browser?	5	N	R	1	Java Servlet	Ed
119	What is return type of getSession( ) method?	5	N	R	1	HttpSession	Ed
120	What is servlet?	5	N	R	1	Servlets are small program used for developing and executing web applications.	Ed
121	What is the meaning of jar?	5	N	R	1	java archived	Ed
122	What JSP Stands for_____	5	N	R	1	Java server pages	Ed
123	What method is used to specify a container's layout in JSP?	5	N	R	1	setLayout()	Ed
124	What programming language(s) or scripting language(s) does Java Server Pages (JSP) support?	5	N	R	1	Java only	Ed
125	What servlet processor was developed by Apache Foundation and Sun?	5	N	R	1	Apache Tomcat	Ed
126	What value does readLine() returns when it has reached the end of a file in JSP?	5	N	R	1	Null	Ed
127	Where the servlets run?	5	N	R	1	on server side	Ed

128	Where the session data will store ?	5	N	R	1	Session objects.	Ed
129	Which method returns names of the request parameters as Enumeration of String objects	5	N	R	1	getParameterNames	Ed
130	Which among the below is the class of javax.servlet package	5	N	R	1	GenericServlet	Ed
131	Which are true about tag libraries in web applications?	5	N	R	1	all of the above	Ed
132	Which attribute is mandory while creating cookie	5	N	R	1	Value	Ed
133	Which cookie it is valid for single session only; it is removed each time when user closes the browser?	5	N	R	1	Non-persistent cookie	Ed
134	Which HTTP method gets invoked when a user clicks on a link? Select the one correct answer	5	N	R	1	GET method	Ed
135	Which http method send by browser that asks the server to get the page only?	5	N	R	1	get	Ed
136	Which interface declares life cycle method of servet?	5	N	R	1	Servlet	Ed
137	Which interface define a getSession() method?	5	N	R	1	HttpServletRequest	Ed
138	Which is interface of following	5	N	R	1	Servlet	Ed
139	Which is least visibility scope for Javabean in JSP	5	N	R	1	Page	Ed
140	Which is not the method in servlet to handle http request	5	N	R	1	doShow()	Ed
141	Which JSP tag is used to transfer processing to another JSP page ?	5	N	R	1	&lt;jsp:forward&gt;	Ed
142	Which life cycle method is used to process a client's request?	5	N	R	1	service()	Ed
143	Which method are central to life cycle of a servlet?	5	N	R	1	init(), service() and destroy()	Ed
144	Which method decides whether doGet() or doPost() method to call?	5	N	R	1	service	Ed
145	Which method does not exist on HttpServlet class?	5	N	R	1	init()	Ed
146	Which method is called on every servlet request ?	5	N	R	1	service()	Ed
147	Which method is used in the servlet class, to retrieve the input values from HTML page?	5	N	R	1	request.getParameter()	Ed
148	Which method is used to end servlet lify cylce	5	N	R	1	destroy	Ed
149	Which method is used to extract cookies from a request?	5	N	R	1	getCookies()	Ed
150	Which method is used to specify before any lines that use the PrintWriter?	5	N	R	1	setContentType()	Ed
151	Which method of HttpServletRequest is used to create a session?	5	N	R	1	getSession()	Ed
152	Which method of HttpServletResponse is used to redirect an HTTP request to another URL?	5	N	R	1	sendRedirect()	Ed
153	Which method of the component class is used to set the position and size of a component in JSP?	5	N	R	1	setBounds()	Ed
154	Which methods are available in ServletContext interface?	5	N	R	1	getAttribute(),getMimeType(String File),void Log(String s)	Ed
155	Which metod allows the client to send data of unlimited length to the web pageserver a single time.	5	N	R	1	doPost()	Ed

156	which of following is not true for servlet?	5	N	R	1	it is single threaded	Ed
157	Which of the following are class	5	N	R	1	GenericServlet	Ed
158	Which of the following are examples of JSP directive.	5	N	R	1	include	Ed
159	Which of the following are interface? 1.ServletContext 2.Servlet 3.GenericServlet 4.HttpServlet	5	N	R	1	1,2	Ed
160	Which of the following are the session tracking techniques?	5	N	R	1	URL rewriting, using session object, using cookies, using hidden fields	Ed
161	Which of the following correctly represents the following JSP statement. <%=x%>	5	N	R	1	&lt;jsp:expression&gt;x&lt;/jsp:expression&gt;	Ed
162	Which of the following implicit objects is not available to a JSP page by default?	5	N	R	1	context	Ed
163	Which of the following is an approach for state maintenance in Web applications?	5	N	R	1	All of the above.	Ed
164	Which of the following is legal JSP syntax to print the value of i. Select the one correct answer	5	N	R	1	&lt;%int i = 1;%&gt;	Ed
165	Which of the following is not a server-side technology ?	5	N	R	1	DHTML	Ed
166	Which of the following is used to redirect the response from a servlet to a JSP page?	5	N	R	1	response.sendRedirect()	Ed
167	Which of the following JSP variables are not available within a JSP expression. Select the one correct answer.	5	N	R	1	httpsession	Ed
168	Which of the following method does not exist in HttpServlet class?	5	N	R	1	init	Ed
169	Which of the following method is used to destroy the session?	5	N	R	1	destroy( )	Ed
170	Which of the following methods are main methods in life cycle of servlet? 1.init() 2 .service() 3.destroy() 4.wait()	5	N	R	1	1,2 and 3	Ed
171	Which of the following packages are required to create servlets in java?	5	N	R	1	javax.servlet, javax.servlet.http	Ed
172	Which of these is a protocol for breaking and sending packets to an address across a network?	5	N	R	1	TCIP/IP	Ed
173	Which of these is not a method of GenericServlet?	5	N	R	1	doGet	Ed
174	Which of these method can be called multiple times in servlet's life cycle?	5	N	R	1	service()	Ed
175	Which of these protocol uses service() method to process the request in servlet?	5	N	R	1	HTTP	Ed
176	Which packages represent interfaces and classes for servlet API?	5	N	R	1	both a and b	Ed
177	Which servlet processor was developed by Apache Foundation and sun?	5	N	R	1	Apache Tomcat	Ed
178	Which statements about HttpSession objects are true? 1. A session may become invalid due to inactivity. 2. A new session is created each time a user makes a request. 3. A session may become invalid as a result of a specific call by a servlet. 4. Multiple requests made from the same browser may have access to the same session object.	5	N	R	1	1,3,4 are correct	Ed

179	Which tag is used to declare one or more variables or methods	5	N	R	1	&lt;%!-----%&gt;	Ed
180	Why JSP is basically used today?	5	N	R	1	b) To develop server pages	Ed
181	_____ is the first phase of servlet life cycle	5	N	R	1	initialization	Ed
182	_____ Method returns true if the server created the session and it has not yet been accessed by the client.	5	N	R	1	isNew()	Ed
183	_____ is a small piece of Information that is passed back & forth in HTTP request & response	5	N	R	1	Cookie	Ed
184	_____ declares life cycle methods of servlet.	5	N	R	1	Servlet	Ed
185	_____ is a technology for developing web pages that supports dynamic content which helps developer to insert java code in HTML pages by making use of special tags <% _____ %>.	5	N	R	1	JSP	Ed
186	_____ is used to read data from a client request.	5	N	R	1	ServletRequest	Ed
187	_____ method gives the current session	5	N	R	1	getSession()	Ed
188	_____ class provides functionality that makes it easy to handle requests and responses.	5	N	R	1	GenericServlet	Ed
189	_____ Defines page-dependent attributes, such as scripting language, error page, and buffering requirements.	5	N	R	1	&lt;%@ page ... %&gt;	Ed
190	_____ method execute at end of servlet life cycle.	5	N	R	1	destroy()	Ed
191	_____ method is secure.	5	N	R	1	doPost()	Ed
192	..... Life cycle method handles all client request.	5	N	R	1	service( )	Ed
193	import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloWorld extends HttpServlet { public void doGet(_____, _____) throws ServletException, IOException { res.setContentType("text/html"); PrintWriter out = res.getWriter(); out.println("<HTML>"); out.println("<HEAD><TITLE>Hello World</TITLE></HEAD>"); out.println("<BODY>"); out.println("<H1>Hello World</H1>"); out.println("</BODY></HTML>"); } } What are the parameters for doGet()?	5	N	A	2	HttpServletRequest req & HttpServletResponse res	Ed
194	Consider the following program and identify the missing method name ***** if you want to implement HTTP POST. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class ColorGetServlet extends HttpServlet { public void ***** (HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String color = request.getParameter("color"); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>The selected color is: "); pw.println(color); pw.close(); } }	5	N	A	2	doGet()	Ed
195	In following Java program fill statement showing ***** .Select any one option from given options import java.io.*; import java.util.*; import javax.servlet.*; public class PostParametersServlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { // Get print writer. PrintWriter pw = response.getWriter(); 3. SOFTWARE DEVELOPMENT 4. USING JAV// Get enumeration of parameter names a) Enumeration e = request.getParameterNames(); // Display parameter names and values. while(e.hasMoreElements()) { String pname =	5	N	A	2	request.getParameterName(pname)	Ed

	(String)e.nextElement(); pw.print(pname + " = "); String pvalue = *****; pw.println(pvalue); } pw.close(); } }						
196	In following Java program fill statement showing ***.Select any one option fro given options import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class p172 extends HttpServlet{ public void doPost(HttpServletRequest request,HttpServletResponse response) throws ServletException,IOException { PrintWriter z; z=new PrintWriter(response.getOutputStream()); String x=request.getParameter("data"); String y=request.getParameter("data"); String a=request.getParameter("data"); String b=request.getParameter("data"); Cookie c=new Cookie("MyCookie",x); response.addCookie(c); ***** z.println("<b>mycookie has been set to"); z.println(x); z.close(); } }	5	N	A	2	response.setContentType("&quot;text/html&quot;);	Ed
197	_____ contains classes and interfaces required to build servlets	5	N	U	2	javax.servlet	Ed
198	<form action="/handler"> <!-- form tags here --> </form> The URL pattern /handler is mapped to an HTTP servlet. Which HttpServlet service method will the web container call in response to this form submit? The URL pattern /handler is mapped to an HTTP servlet. Which HttpServlet service method will the web container call in response to this form submit? -->	5	N	A	2	doGet()	Ed
199	<HTML> <BODY> <FORM ACTION="someaction" METHOD="post"> <INPUT TYPE="hidden" NAME="tag1" VALUE="value1"> <INPUT TYPE="hidden" NAME="tag2" VALUE="value2"> <INPUT TYPE="submit"> </FORM> </BODY> </HTML>	5	N	U	2	When you open this HTML document in a browser, the input types marked as hidden will be visible.	Ed
200	<HTML> <HEAD><TITLE>Hello</TITLE></HEAD> <BODY> <H1> <% if (request.getParameter("name") == null) { out.println("Hello World"); } else { out.println("Hello, " + request.getParameter("name")); } %> </H1> </BODY></HTML>	5	N	A	2	file will be saved with .jsp	Ed
201	1. Choose correct package ***** for following code from given options. import java.io.*; import javax.servlet.*; public class HelloServlet extends ***** { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>Hello!"); pw.close(); } }	5	N	A	2	GenericServlet	Ed
202	1. Choose missing packages in following code from given options. public class session1 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { HttpSession hs = request.getSession(true); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>"); Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access: " + date + " "); } date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } }	5	N	A	2	import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
203	1. Choose missing statements in following code from given options. public class session1 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { HttpSession hs = request.getSession(true); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>"); Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access:	5	N	A	2	import javio.*; import javutil.*; import javax.servlet.*; import javax.servlet.http.*;	Ed

	" + date + " "); } date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } }						
204	1. Find out correct syntax of service() method of servlet class	5	N	U	2	void service(ServletRequest req, ServletResponse res)	Ed
205	1. Select correct scopes into JSP	5	N	U	2	page, request, session, application	Ed
206	1. The Java _____ specification defines an application programming interface for communication between the Web server and the application program.	5	N	U	2	Servlet	Ed
207	2. In following Java program fill statement showing ***.Select any one option fro given options import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = request.getParameter("data"); Cookie cookie = ***** response.addCookie(cookie); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	new Cookie("&quot;MyCookie&quot;;, data1);	Ed
208	3 Consider the following program and identify the missing method attribute value ***** if you want to implement HTTP POST. <html> <body> <center> <form name="Form1" method=***** action="http://localhost:8080/examples/servlet/ColorPostServlet"> <B>Color:</B> <select name="color" size="1"> <option value="Red">Red</option> <option value="Green">Green</option>FTWARE DEVELOPMENT USING JAVA <option value="Blue">Blue</option> </select>    <input type=submit value="Submit"> </form> </body> </html>	5	N	A	2	post	Ed
209	3.What servlet processor was developed by Apache Foundation and Sun?	5	N	U	2	Apache Tomcat	Ed
210	4. Consider the following program. Identify the missing word ****. <html> <body> <center> <form name="Form1" action="http://****/examples/servlet/ColorGetServlet"> <B>Color: </B> <select name="color" size="1"> <option value="Red">Red</option> <option value="Green">Green</option> <option value="Blue">Blue</option> </select>    <input type=submit value="Submit"> </form> </body> </html>	5	N	A	2	localhost:8080	Ed
211	A deployment descriptor describes _____	5	N	U	2	web component setting	Ed
212	A Java bean with a property color is loaded using the following statement <jsp:usebean id="fruit" class="Fruit"/> What is the effect of the following statement. <jsp:setproperty name="fruit" property="color"/> Select the one correct answer.	5	N	A	2	If there is a non-null request parameter with name color, then its value gets assigned to color property of Java Bean fruit.	Ed
213	A JSP page called test.jsp is passed a parameter name in the URL using http://localhost/test.jsp?name="John". The test.jsp contains the following code. <%! String myName=request.getParameter();%> <% String test= "welcome" + myName; %> <%= test%>	5	N	A	2	The program gives a syntax error because of the statement &lt;%;%! String myName=request.getParameter();%&gt;	Ed
214	A JSP page called test.jsp is passed a parameter name in the URL using http://localhost:8080/ test.jsp?name=admin. The test.jsp contains following code <% String nm= request.getParameter("name"); String msg="Welcome " +nm; %> <%=msg%> What will be the output of above code segment?	5	N	A	2	It will print Welcome admin	Ed

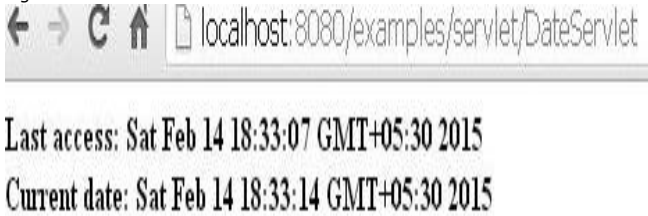
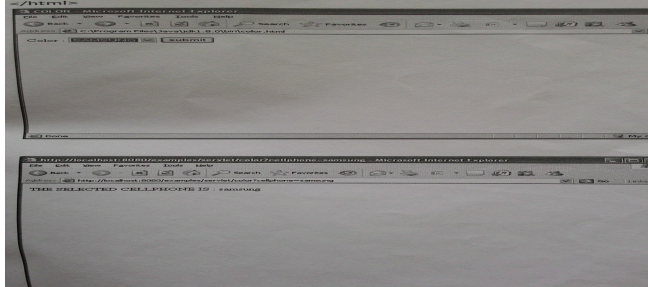
215	A JSP page needs to generate an XML file.Which attribute of page directive may be used to specify that the JSP page is generating an XML file	5	N	A	2	contentType	Ed
216	A servlet can access the headers of an HTTP request through which following methods of the HttpServletRequest interface:	5	N	U	2	All	Ed
217	A servlet life cycle can be defined as the entire process from its creation till the destruction. The following are the paths followed by a servlet	5	N	A	2	All of above	Ed
218	A user types the URL http://www.javaprep.com/scwd/index.html . Which HTTP request gets generated. Select the one correct answer.	5	N	A	2	GET method	Ed
219	Advantage of Servlet over CGI is_____	5	N	U	2	Performance of servlets is significantly better.	Ed
220	Advantages of Cookies are _____. A. It is used to maintain the state information. B. Cookies are maintained at client side. C. It will not work if cookie is disabled from browser. D.Only textual information can be set in cookie object.	5	N	U	2	Only A and B are correct.	Ed
221	All the _____ data is kept at the application server _____ data is kept at the web server?	5	N	A	2	dynamic, static	Ed
222	Among the given options choose the correct HTML file that will request the below servlet: import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloForm extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); String title = "Using GET Method to Read Form Data"; out.println("<html>\n" + "<head><title>" + title + "</title></head>\n" + "<body bgcolor=\n" #f0f0f0\n" + "<h1 align=\n" center\n" + title + "</h1>\n" + "<ul>\n" + "<li><b>First Name</b>: " + request.getParameter("first_name") + "\n" + "<li><b>Last Name</b>: " + request.getParameter("last_name") + "\n" + "</ul>\n" + "</body></html>"); } }	5	N	A	2	&lt;html&gt; &lt;body&gt; &lt;form action=&quot;HelloForm&quot; method=&quot;GET&quot;&gt; First Name: &lt;input type=&quot;text&quot; name=&quot;first_name&quot;&gt; &lt;br /&gt; Last Name: &lt;input type=&quot;text&quot; name=&quot;last_name&quot; /&gt; &lt;input type=&quot;submit&quot; value=&amp;quo	Ed
223	An application wants to invalidate the sessions both programmatically and declaratively. Select the best match to do this.	5	N	A	2	httpRequest.getSession().invalidate() &lt;session-config&gt; &lt;session-timeout&gt;someValueInMinutes&lt;/session-timeout&gt; &lt;/session-config&gt;	Ed
224	An object of Which is created by the web container at time of deploying the project?	5	N	U	2	ServletContext	Ed
225	Analyse the following code and find out error. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = request.getParameter("data"); Cookie cookie = new Cookie("MyCookie",data); response.addCookie(); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to "+data); pw.close(); } }	5	N	A	2	Error is in statement in which Cookie is added	Ed
226	Arrange the steps in correct order to run JSP Program	5	N	A	2	1. Open text editor type html program save it with .html extension 2. Save .html file in tomcat\webapps\ebanking 3. open text editor and type JSP program and store in same directory given above	Ed
	Assume that you need to write a JSP page that adds numbers from one to ten and then print the output. <% int sum=0; for(int						



227	i=1;j<=10;i++) { %> <%sum=sum+i; %> <% } %> YYY Which statement must be added at the location of YYY to print the sum of ten numbers.	5	N	A	2	&lt;%=sum %&gt;	Ed
228	Assume that you need to write a JSP page that adds numbers from one to ten, and then print the output. <% int sum = 0; for(j = 0; j < 10; j++) { %> // XXX --- Add j to sum <% } %> // YYY --- Display this sum Which statement when placed at the location XXX can be used to compute the sum. Select the one correct statement	5	N	U	2	&lt;% sum = sum + j; %&gt;	Ed
229	At run time if HttpServletResponse send code 200 using sendError method that means	5	N	A	2	OK	Ed
230	Choose correct answers 1 Servlet is a Java technology based Web component 2 Servlet is platform-independent 3 Servlet has run on Web server which has a containers 4 Servlets interact with Web clients via a request/response using HTTP protocol	5	N	A	2	1,2,3,4	Ed
231	Choose correct scopes into JSP:-	5	N	U	2	page, request, session, application	Ed
232	Choose missing statement in following code from given options. public class MyHTTPServlet extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response)throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>AJP-17625</B>"); pw.println(" CO-6G"); pw.close(); } }	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
233	Choose missing statements in following code from given options public class HelloWorld extends HttpServlet { private String message; public void init() throws ServletException { message = "Hello World"; } public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException,IOException { response.setContentType("text/html"); PrintWriter out= response.getWriter(); out.println("<h1>"+ message +"</h1>"); }} publicvoid destroy() { }	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
234	Choose missing statements in following code from given options. import java.io.*; import java.util.*; import javax.servelet.*; import javax.servlet.http.*; public class session1 extends HttpServlet { public void doGet(HttpServletRequest request,HttpServletResponse response) thtowsServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>"); Date date= (Date)hs.getAttribute("date"); if(date!=null) { pw.print("Last access:" +date+" "); } date = new Date(); hs.setAttribute("date",date); pw.println("Current date:" +date); } }	5	N	A	2	HttpSession hs = request.getSession(true);	Ed
235	Choose missing statements in following code from given options. import javax.servlet.*; public class HelloServlet { public void service(ServletRequest request, ServletResponse response) { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>Hello!"); pw.close(); } }	5	N	A	2	All mentioned above	Ed
236	Choose missing statements in following code from given options. public class session1 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throwsServletException, IOException { HttpSession hs = request.getSession(true); PrintWriter pw = response.getWriter(); pw.print("<B>"); Date date = (Date)hs.getAttribute("date"); if(date !=	5	N	A	2	response.setContentType("&quot;text/html&quot;);	Ed

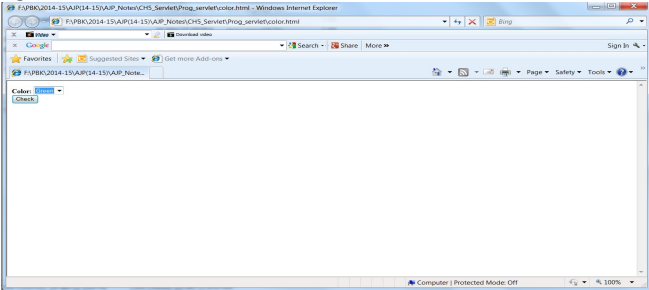
	<pre> null) { pw.print("Last access: " + date + "&lt;br&gt;"); } date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } } </pre>						
237	<p>Choose missing statements in following code from given options. public class session1 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { HttpSession hs = request.getSession(true); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("&lt;B&gt;"); Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access: " + date + "&lt;br&gt;"); } date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } }</p>	5	N	A	2	<pre> import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*; </pre>	Ed
238	<p>Choose missing statements in following code from given options. public class session1 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { HttpSession hs = request.getSession(true); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("&lt;B&gt;"); Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access: " + date + "&lt;br&gt;"); } date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } }</p>	5	N	A	2	Missing package statement	Ed
239	<p>Choose missing statements in following code from given options. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class Hello extends HttpServlet { public void service(HttpServletRequest req,HttpServletResponse res)throws ServletException,IOException { res.setContentType("text/html"); PrintWriter pw=_____ ; pw.println("&lt;h2&gt; Hello World..."); pw.close(); } }</p>	5	N	A	2	res.getWriter()	Ed
240	<p>Choose missing statements in following code from given options. import java.io.*; import javax.servlet.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request,HttpServletResponse response) throws ServletException,IOException { String data=request.getParameter("txtdata"); Cookie c=new Cookie("MyCookie",data); response.addCookie(c); response.setContentType("text/html"); PrintWriter pw=response.getWriter(); pw.println("&lt;B&gt;My cookie has been sent&lt;BR&gt;"); pw.close(); } }</p>	5	N	A	2	import javax.servlet.http.*;	Ed
241	<p>Choose missing statements in following code from given options. import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*; public class session1 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); String p1=req.getParameter("T1"); String p2=req.getParameter("T2"); pw.print(p1); pw.print(p2); pw.close(); } }</p>	5	N	A	2	Missing Object of PrintWriter	Ed
	<p>Choose missing statements in following code from given options. public class GetSession extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) { HttpSession session = request.getSession(false); try { response.setContentType("text/html"); PrintWriter writer = response.getWriter(); writer.println("&lt;html&gt;&lt;body&gt;"); if (session == null) { writer.println("&lt;p&gt;You are not logged in&lt;/p&gt;"); } else {</p>						

242	<pre>writer.println("Thank you, you are already logged in"); writer.println("Here is the data in your session"); Enumeration names = session.getAttributeNames(); while (names.hasMoreElements()) { String name = (String) names.nextElement(); Object value = session.getAttribute(name); writer.println("&lt;p&gt;name=" + name + " value=" + value + "&lt;/p&gt;"); } } writer.println("&lt;p&gt;&lt;a href=\"/ServletSession/login.html\"&gt;Return " + "&lt;/a&gt; to login page&lt;/p&gt;"); writer.println("&lt;/body&gt;&lt;/html&gt;"); writer.close(); } catch (Exception e) { e.printStackTrace(); } } }</pre>	5	N	A	2	import javax.servlet.http.*; import java.io.*; import java.util.*; import javax.servlet.*;	Ed
243	<p>Choose missing statements in following code from given options.</p> <pre>import java.io.*; import javax.servlet.*; public class GetCookiesServlet extends HttpServlet { public void doGet(HttpServletRequest request,HttpServletResponse response)throws IOException { // Get cookies from header of HTTP request. Cookie[] cookies = request.getCookies(); // Display these cookies. response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;"); for(int i = 0; i &lt; cookies.length; i++) { String name = cookies[i].getName(); String value = cookies[i].getValue(); pw.println("name = " + name + "; value = " + value); } pw.close(); } }</pre>	5	N	A	2	import javax.servlet.http.*; and ServletException	Ed
244	<p>Choose missing statements in following code from given options.</p> <pre>import java.util.*; import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class MyServlet extends HttpServlet { String msg = ""; public void init(ServletConfig config) { msg = "Hello from Java servlets!"; } public void doGet(HttpServletRequest request, HttpServletResponse response) { response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;HTML&gt;"); out.println("&lt;HEAD&gt;"); out.println("&lt;TITLE&gt;"); out.println("Using the init Method"); out.println("&lt;/TITLE&gt;"); out.println("&lt;/HEAD&gt;"); out.println("&lt;BODY&gt;"); out.println("&lt;H1&gt;Using the init Method&lt;/H1&gt;"); out.println(msg); out.println("&lt;/BODY&gt;"); out.println("&lt;/HTML&gt;"); } }</pre>	5	N	A	2	throws IOException, ServletException	Ed
245	<p>Choose missing statements in following code from given options.</p> <pre>import javax.servlet.*; public class HelloServlet extends GenericServlet { public void service(ServletRequest req,ServletResponse res)throws ServletException,IOException { res.setContentType("text/html"); pw.println("Hello Servlet"); pw.close(); } }</pre>	5	N	A	2	import java.io.*; PrintWriter pw=res.getWriter();	Ed
246	<p>Choose missing statements in following code from given options.</p> <pre>public class ColorGetServlet extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String color=request.getParameter("color"); Response.setContentType("text/html"); PrintWriter pw=response.getWriter(); pw.println("&lt;B&gt;The selected color is:"); pw.println(color); pw.close(); } }</pre>	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
247	<p>Choose missing statement for the following code</p> <pre>public class Hello extends HttpServlet { public void service(HttpServletRequest request,HttpServletResponse response) throws ServletException,IOException { response.setContentType("text/html"); printWriter out=response.getWriter(); BufferedReader in=request.getReader(); out.println("&lt;HTML&gt;"); out.println("&lt;HEAD&gt;&lt;TITLE&gt;Hello&lt;/TITLE&gt;</pre>	5	N	A	2	import java.io.*; import javax.servlet.; import javax.servlet.http.*;	Ed

	</HEAD>"); out.println("<BODY>"); if (request.getParameter("name")==null) out.println("Hello word!"); out.println("</BODY></HTML>"); } }						
248	choose the classes of javax.servlet package	5	N	U	2	ServletException GenericServlet	Ed
249	<p>Choose the correct code that displays the output as shown in the figure</p> <p>Figure:-</p> 	5	Y1	A	2	<pre>import java.io.*;import java.util.*;import javax.servlet.*;import javax.servlet.http.*;public class DateServlet extends HttpServlet{public void doGet(HttpServletRequest request,HttpServletResponse response)throws ServletException, IOException{HttpSession hs = request.getSession(true);resp</pre>	Ed
250	Choose the correct code that will authenticate the user.	5	N	A	2	<pre>import javax.servlet.*; import java.io.*; import javax.servlet.http.*; public class exp extends HttpServlet { public void doGet(HttpServletRequest req,HttpServletResponse resp)throws ServletException,IOException { resp.setContentType("&amp;quot;text/html&amp;quot;"); PrintWriter pw=resp.getWriter(); Str</pre>	Ed
251	Choose the correct code to create session in JSP	5	N	A	2	<pre>&amp;lt;%@ page language=&amp;quot;java&amp;quot; %&amp;gt; &amp;lt;% String username=(String) session.getAttribute(&amp;quot;username&amp;quot;); if(username==null) username=&amp;quot;&amp;quot;; %&amp;gt; &amp;lt;html&amp;gt; &amp;lt;head&amp;gt; &amp;lt;title&amp;gt;Show Saved Name&amp;lt;/title&amp;gt; &amp;lt;/head&amp;gt; &amp;lt;body&amp;gt; &amp;amp;</pre>	Ed
252	<p>Choose the correct sequence for the following output</p> <p>Figure:-</p> 	5	Y1	A	2	In following Java program which package is used import java.io.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
253	Choose the correct sequence steps for running the servlet	5	N	U	2	<ul style="list-style-type: none"> <li>• Write the servlet source code. We need to import the javax.servlet package and the javax.servlet.http package in your source file.</li> <li>• Compile your source code.</li> <li>• Create a deployment descriptor.</li> <li>• Run Tomcat.</li> <li>• Call your servlet from a web</li> </ul>	Ed

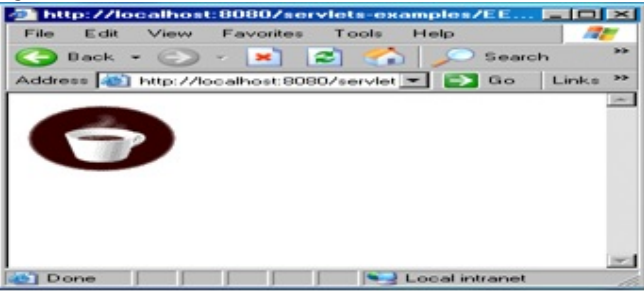
						browser.	
254	Choose the correct syntax of directive	5	N	A	2	&lt;%;@ directive_name %&gt;	Ed
255	Choose the desired command to compile the following program HelloServlet.java import java.io.*; import javax.servlet.*; public class HelloServlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>Hello!"); pw.close(); } }	5	N	A	2	javac HelloServlet.java -classpath &quot;C:\Program Files\Apache Tomcat 4.0\common\lib\servlet.jar&quot;	Ed
256	Choose the missing statement in the given method syntax public void doGet(HttpServletRequest request, HttpServletResponse response) throws _____	5	N	A	2	IOException	Ed
257	Choose the missing statements in following code from given options. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class WritingCookies extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { Cookie cookie = new Cookie("dept-codes", "CO-CD-CM-IF"); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("One cookie is set."); pw.close(); } }	5	N	A	2	response.addCookie(cookie);	Ed
258	code JSP page to display the current date and time. Select the proper statement from the following AT * _____ line <Html> <Head> <Title>JSP Expressions</Title> </Head> <Body> <H2>JSP Expressions</H2> <ul> * _____ <li>Server: <%= application.getServerInfo() %> <li>Session Id: <%= session.getId() %> <li>The <code>test param</code> form parameter: <%= request.getParameter("testParam")%> </ul> </Body> </Html>	5	N	A	2	&lt;li&gt;Current time: &lt;%= new java.util.Date() %&gt;	Ed
259	Complete the code below to set the session object false at given underlined line import java.io.*; import javax. Servlet.*; import javax.servlet. Http.*; public class Example3 with Session extends HttpServlet { public void do Get (HttpServletRequest req,HttpServletResponse res ) throws ServletException, IOException { String color = req. get Parameter("color"); // res. get contentType("text"); PrintWriter pw = res. getWirter(); pw. println (" <B> the Selected color = "); pw. printIn (color ) ; pw. print In (" <B> Test the session  "); _____ if (session ==null { pw. printIn ("no session was available" ); pw. printIn (making one ....."); session = reqq.getSession (); } else { pw. print In (" there was a session " +session); } pw. close (); } }	5	N	A	2	httpSession Session= req.getSession(false);	Ed
260	consider below program and print message " hi h r u" . select proper method. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloWorld extends HttpServlet { private String message; public void init() throws ServletException { message = "hi h r u"; } public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); } public void destroy() { } }	5	N	A	2	public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType(&quot;text/html&quot;); PrintWriter out = response.getWriter(); out.println(&quot;&lt;h1&gt;&amp;quo	Ed
	Consider following code of servlet and find out missing method in the						

261	<pre> program import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class MathServlet extends HttpServlet { public void (HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;html&gt;&lt;h1&gt;Table Example&lt;/h1&gt;"); out.println("&lt;table border = 1&gt;"); out.println("&lt;tr&gt;&lt;td&gt; Number &lt;/td&gt; &lt;td&gt; Result &lt;/td&gt;&lt;/tr&gt;"); for(int i=1;1&lt;10;i++) { out.println("&lt;tr&gt; &lt;td&gt;" + i + "\t" + Math.pow(2,i) + "&lt;td&gt;&lt;tr&gt;"); } out.println("&lt;/table&gt; &lt;/html&gt;"); printwriter.close(); } } </pre>	5	N	A	2	service()	Ed
262	<p>Consider following code. What should be correction done in program to get correct output .</p> <pre> import java.io.*; import javax.servlet.http.*; import javax.servlet.*; public class SessionId extends HttpServlet { public void doGet(HttpServletRequest req, HttpServletResponse res) throws IOException, ServletException { res.setContentType("text/html"); PrintWriter pw = res.getWriter(); if(s != null) { pw.println("Your session Id is : "); String sId = s.getId(); pw.println(sId); } else { pw.println("Your session is not created yet"); } } } </pre>	5	N	A	2	Error in if statement	Ed
263	<p>Consider following code.Fill _____statement in following code from option given below</p> <pre> import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class CookieExample extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); Cookie[] cookies = request.getCookies(); for (int i = 0; i &lt; cookies.length; i++) { Cookie c = cookies[i]; String name = c.getName(); String value = c.getValue(); out.println(name + " = " + value); } String name = _____ if (name != null &amp;&amp; name.length() &gt; 0) { String value = request.getParameter("cookieValue"); Cookie c = new Cookie(name, value); response.addCookie(c); } } } </pre>	5	N	A	2	request.getParameter("&quot;cookieName&quot;);	Ed
264	<p>Consider following code.find syntax error in code</p> <pre> import java.io.*; import javax.servlet.*; import javax.servlet.http.*; import java.util.*; public class SessionExample extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); HttpSession session = request.getSession(true); Date created = new Date(session.getCreationTime()); Date accessed = new Date(session.getLastAccessedTime()); out.println("ID " + session.getId()); out.println("Created: " + created); out.println("Last Accessed: " + accessed); String dataName = request.getParameter("dataName"); if (dataName != null &amp;&amp; dataName.length() &gt; 0) String dataValue = request.getParameter("dataValue"); session.setAttribute(dataName, dataValue); } Enumeration e = session.getAttributeNames(); while (e.hasMoreElements()) { String name = (String)e.nextElement(); String value = session.getAttribute(name).toString(); out.println(name + " = " + value); } } } </pre>	5	N	A	2	error in the if statement	Ed
	<p>Consider following code.Select proper html code to get correct output.</p> <pre> import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class CheckPass extends HttpServlet { public void </pre>					&lt;html>&lt;body>&lt;form action=&quot;CheckPass&quot;	

265	<pre>doPost(HttpServletRequest req,HttpServletResponse res)throws IOException,ServletException { res.setContentType("text/html"); PrintWriter out=res.getWriter(); String p1=req.getParameter("name"); String p2=req.getParameter("password"); if(p1.equals("abc")&amp;&amp; (p2.length())&gt;6)) { out.println("Too long pass"); } else { out.println("Your password length correct"); } }</pre>	5	N	A	2	<pre>method=&amp;quot;POST&amp;quot;&amp;gt;&amp;gt; Name: &amp;lt;input type=&amp;quot;text&amp;quot; name=&amp;quot;name&amp;quot;&amp;gt;&amp; &amp;lt;br /&amp;gt; Password: &amp;lt;input type=&amp;quot;text&amp;quot; name=&amp;quot;pass&amp;quot; /&amp;gt;&amp; &amp;lt;input type=&amp;quot;submit&amp;quot; value=&amp;quot;Submit&amp;quot; /</pre>	Ed
266	<p>Consider given output as shown in figure. Select correct code to generate this output.</p> <p>Figure:-</p> 	5	Y1	A	2	<pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class colorServlet extends HttpServlet { public void doPost(HttpServletRequest req,HttpServletResponse res) throws ServletException,IOException { String c=req.getParameter(&amp;quot;color&amp;quot;); res.setContentType(&amp;amp;qu</pre>	Ed
267	<p>consider the following four codes for index.jsp. Select any one option which will print following output. Cube of 3 is: 27</p>	5	N	A	2	<pre>&amp;lt;html&amp;gt;&amp; &amp;lt;body&amp;gt;&amp; &amp;lt;%! int cube(int n){ return n*n*n* ; } %&amp;gt;&amp; &amp;lt;%= &amp;quot;Cube of 3 is:&amp;quot;+cube(3) %&amp;gt;&amp; &amp;lt;/body&amp;gt;&amp; &amp;lt;/html&amp;gt;</pre>	Ed
268	<p>Consider the following code and find which statement has error. &lt;%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="fn" %&gt; &lt;%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %&gt; &lt;html&gt; &lt;head&gt;&lt;title&gt;Using the JSTL functions&lt;/title&gt;&lt;/head&gt; &lt;body&gt; &lt;h2&gt;Using JSTL functions&lt;/h2&gt; &lt;c:set var="string" value="Welcome! to the site of roseindia.net"/&gt; The length of the String: \${fn:lengthOf(string)}&lt;br&gt; Does the String contain "Welcome"? \${fn:contains(string,"Welcome")} &lt;br&gt; Converting the String into upper case using fn:toUpperCase(): \${fn:toUpperCase(string)}&lt;br&gt; Converting the String into lower case using fn:toLowerCase(): \${fn:toLowerCase(string)}&lt;br&gt; Making the substring of "roseindia.net" : \${fn:substrings("roseindia.net", 0,9)} &lt;/body&gt; &lt;/html&gt;</p>	5	N	A	2	Both A and B	Ed
269	<p>Consider the following code. Select the missing statement in the given code. import java.io.*; import javax.servlet.http.*; public class CookieExample extends HttpServlet { public void doGet( HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); // print out cookies Cookie[] cookies = request.getCookies(); for (int i = 0; i &lt; cookies.length; i++) { Cookie c</p>	5	N	A	2	missing package file	Ed

	<pre>= cookies[i]; String name = c.getName(); String value = c.getValue(); out.println(name + " = " + value); } // set a cookie String name = request.getParameter("cookieName"); if (name != null &amp;&amp; name.length() &gt; 0) { String value = request.getParameter("cookieValue"); Cookie c = new Cookie(name, value); response.addCookie(c); } }</pre>						
270	<p>Consider the following code. Find missing statement</p> <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class RequestInfo extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;html&gt;"); out.println("&lt;body&gt;"); out.println("&lt;head&gt;"); out.println("&lt;title&gt;Request Information Example&lt;/title&gt;"); out.println("&lt;/head&gt;"); out.println("&lt;body&gt;"); out.println("&lt;h3&gt;Request Information Example&lt;/h3&gt;"); out.println("Method: " + request.getMethod()); out.println("Request URI: " + request.getRequestURI()); out.println("Protocol: " + request.getProtocol()); out.println("PathInfo: " + request.getPathInfo()); out.println("Remote Address: " + request.getRemoteAddr()); out.println("&lt;/body&gt;"); out.println(" &lt;/html&gt;"); } public void doPost(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { doGet(request, response); } }</pre>	5	N	A	2	doGet(request, response);	Ed
271	<p>Consider the following code. Find missing statement</p> <pre>public class HelloForm extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { Cookie firstName = new Cookie("first_name", request.getParameter("first_name")); Cookie lastName = new Cookie("last_name", request.getParameter("last_name")); firstName.setMaxAge(60*60*24); lastName.setMaxAge(60*60*24); response.addCookie( firstName ); response.addCookie( lastName ); response.setContentType("text/html"); PrintWriter out = response.getWriter(); String title = "Setting Cookies Example"; String docType = "&lt;!doctype html public "-//w3c//dtd html 4.0 " + "transitional//en"&gt;\n"; out.println(docType + "&lt;html&gt;\n" + "&lt;head&gt; &lt;title&gt; " + title + "&lt;/title&gt;&lt;/head&gt;\n" + "&lt;body bgcolor=\"#f0f0f0\"&gt;\n" + "&lt;h1 align=\"center\"&gt;" + title + "&lt;/h1&gt;\n" + "&lt;ul&gt;\n" + " &lt;li&gt;&lt;b&gt;First Name&lt;/b&gt;: " + request.getParameter("first_name") + "\n" + " &lt;li&gt;&lt;b&gt;Last Name&lt;/b&gt;: " + request.getParameter("last_name") + "\n" + "&lt;/ul&gt;\n" + "&lt;/body&gt;&lt;/html&gt;"); } }</pre>	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
272	<p>Consider the following code. Select the missing statement to get proper output.</p> <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class CookEx extends HttpServlet { public void doPost(HttpServletRequest req,HttpServletResponse res)throws IOException,ServletException { res.setContentType("text/html"); PrintWriter out=res.getWriter(); String name=req.getParameter("name"); String value=req.getParameter("age"); Cookie c=new Cookie(name,value); String p1=c.getName(); String p2=c.getValue(); out.println("Name:" +p1); out.println("Age:"+p2); out.println(" "); } }</pre>	5	N	A	2	res.addCookie(c);	Ed
	<p>Consider the following code. What should be added to the program to get correct output..</p> <pre>&lt;%@ page language="java"%&gt; &lt;%@ page</pre>						



273	<pre>import="java.lang.*"%&gt; &lt;html&gt; &lt;body&gt; &lt;H1&gt;&lt;center&gt;Result for &lt;%=request.getParameter("a1")%&gt;&lt;/center&gt;&lt;/H1&gt; &lt;% int i=Integer.parseInt(request.getParameter("t1")); int j=Integer.parseInt(request.getParameter("t2")); int k=0; String str=request.getParameter("a1"); if(str.equals("add")) k=i+j; if(str.equals("mul")) k=i*j; if(str.equals("div")) k=i/j; Result is &lt;%=k%&gt; &lt;/body&gt; &lt;/html&gt;</pre>	5	N	A	2	%&gt;	Ed
274	<p>Consider the following output . find the missing statement in the program  import javax.servlet.*; public class EE extends HttpServlet {  public void doGet(HttpServletRequest request, HttpServletResponse  response) throws IOException, ServletException {  response.setContentType("image/gif"); File f= new File("C:/Program  Files/Apache Software Foundation/Tomcat5.5/webapps/servlets-  examples/images/first.gif"); byte[] a=new byte[(int)f.length()];  FileInputStream is=new FileInputStream(f); is.read(a); OutputStream  os= response.getOutputStream(); os.write(a); os.flush(); } }</p> <p>Figure:-</p> 	5	Y1	U	2	import javax.servlet.http.*;	Ed
275	<p>Consider the following program Select the statement that should be  added to the program to get correct output. import javax.servlet.*;  import javax.servlet.http.*; public class AddCookieServlet extends  HttpServlet { public void doPost(HttpServletRequest  request,HttpServletResponse response)  throws ServletException,IOException { String data =  request.getParameter("data"); Cookie cookie = new  Cookie("MyCookie",data); response.setContentType("text/html");  PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;MyCookie has  been set to"); pw.println(data); pw.close(); } }</p>	5	N	A	2	response.addCookie(cookie);	Ed
276	<p>Consider the following program Select the statement that should be  added to the program to get correct output. import javax.servlet.*;  import javax.servlet.http.*; import java.io.*; import java.util.*; public  class CookieServlet extends HttpServlet {public void  doGet(HttpServletRequest request,HttpServletResponse response)  throws ServletException, IOException { Cookie c1 = new  Cookie("userName", "Helen"); Cookie c2 = new Cookie("password",  "Keppler"); response.addCookie(c1);  response.setContentType("text/html"); PrintWriter out =  response.getWriter(); out.println("&lt;HTML&gt;"); out.println("&lt;HEAD&gt;");  out.println("&lt;TITLE&gt;Cookie Test&lt;/TITLE&gt;"); out.println("&lt;/HEAD&gt;");  out.println("&lt;BODY&gt;"); out.println("Please click the button to see the  cookies sent to you."); out.println("&lt;BR&gt;"); out.println("&lt;FORM  METHOD=POST&gt;"); out.println("&lt;INPUT TYPE=SUBMIT  VALUE=Submit&gt;"); out.println("&lt;/FORM&gt;"); out.println("&lt;/BODY&gt;");</p>	5	N	A	2	response.addCookie(c2);	Ed

	out.println("</HTML>"); } }						
277	Consider the following program and identify the class at bank space import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class Ser extends _____ { public void doGet(HttpServletRequest rq, HttpServletResponse res) throws ServletException, IOException { res.setContentType("text/html"); PrintWriter out=res.getWriter(); out.println("<h1> hello </h1>"); out.println("hello"); out.close(); } }	5	N	A	2	HttpServlet	Ed
278	Consider the following program and identify the error statement. import java.io.*; import java.util.*; import javax.servlet.*; public class PostParametersServlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { PrintWriter pw = response.getWriter(); String e[]=request.getParameterNames(); // Display parameter names and values. while(e.hasMoreElements()) { String pname = (String)e.nextElement(); pw.print(pname + " = "); String pvalue = request.getParameter(pname); pw.println(pvalue); } pw.close(); } }	5	N	A	2	String e[]=request.getParameterNames();	Ed
279	Consider the following program and identify the missing method attribute ***** if you want to implement HTTP POST. <html> <body> <center> <form name="Form1" method=***** action="http://localhost:8080/examples/servlet/ColorPostServlet"> <B>Color:</B> <select name="color" size="1"> <option value="Red">Red</option> <option value="Green">Green</option><B>FTWARE DEVELOPMENT USING JAVA <option value="Blue">Blue</option> </select>    <input type=submit value="Submit"> </form> </body> </html>	5	N	A	2	post	Ed
280	Consider the following program and identify the missing method name ***** if you want to implement HTTP GET. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class ColorGetServlet extends HttpServlet { public void ***** (HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String color = request.getParameter("color"); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>The selected color is: "); pw.println(color); pw.close(); } }	5	N	A	2	doGet()	Ed
281	Consider the following program and identify the missing statement. class URLEDemo { public static void main(String args[]) throws MalformedURLException { URL netAddress= new URL("http://www.sun.com:/index.html"); System.out.println("Protocol :" +netAddress.getProtocol()); System.out.println("Port :" +netAddress.getPort()); System.out.println("Host :" +netAddress.getHost()); System.out.println("File :" +netAddress.getFile()); } }	5	N	A	2	Missing package statement	Ed
282	Consider the following program and identify the missing statement. import java.io.*; import javax.servlet.*; public class HelloServlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); pw = response.getWriter(); pw.println("<B>Hello!"); pw.close(); } }	5	N	A	2	PrintWriter pw;	Ed
	Consider the following program and identify the missing statement. public class HelloServlet extends HttpServlet { public void						

283	<pre>doGet(HttpServletRequest req, HttpServletResponse res) { String data= request.getParameter("data"); resp.setContentType("text/html"); PrintWriter pw=res.getWriter(); String name=req.getParameter("name"); out.println("&lt;HTML&gt;"); out.println("&lt;HEAD&gt;&lt;TITLE&gt;Hello,"+name+"&lt;/TITLE&gt;&lt;/HEAD&gt;"); out.println("&lt;BODY&gt;"); out.println("Hello,"+name); out.println("&lt;/BODY&gt;&lt;/HTML&gt;"); }</pre>	5	N	A	2	Missing package statement	Ed
284	<p>Consider the following program and identify the missing statement.</p> <pre>public class HelloWorld extends HttpServlet { private String message; public void init() throws ServletException { message = "Hello World"; } public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;h1&gt;" + message + "&lt;/h1&gt;"); } public void destroy() { }</pre>	5	N	A	2	Missing package statement	Ed
285	<p>Consider the following program and identify the missing statement.</p> <pre>class URLEDemo { public static void main(String args[]) throws MalformedURLException { URL netAddress= new URL("http://www.sun.com:/index.html"); System.out.println("Protocol :"+netAddress.getProtocol()); System.out.println("Port :"+netAddress.getPort()); System.out.println("Host :"+netAddress.getHost()); System.out.println("File :"+netAddress.getFile()); }</pre>	5	N	A	2	Missing package statement	Ed
286	<p>Consider the following program and identify the following missing statement</p> <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class Hello extends HttpServlet { public void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException { res.setContentType("text/html"); PrintWriter out = res.getWriter(); String name = req.getParameter("name"); out.println("&lt;HTML&gt;"); out.println("&lt;HEAD&gt;&lt;TITLE&gt;Hello, " + name + "&lt;/TITLE&gt;&lt;/HEAD&gt;"); out.println("&lt;BODY&gt;"); out.println("Hello, " + name); out.println("&lt;/BODY&gt;&lt;/HTML&gt;"); } public String getServletInfo() { return "A servlet that knows the name of the person to whom it's " + "saying hello"; }</pre>	5	N	A	2	None of the above	Ed
287	<p>Consider the following program what will happen after execution.</p> <pre>package mypkg; import java.io.IOException; import java.io.PrintWriter; import javax.servlet.ServletException; import javax.servlet.http.Cookie; import javax.servlet.http.HttpServlet; import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse; public class GetCookies extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { Cookie[] cookies = request.getCookies(); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;"); for (int i = 0; i &lt; cookies.length; i++) { String name = cookies[i].getName(); String value = cookies[i].getValue(); pw.println("Name = " + name); pw.println("Value = " + value); } pw.close(); }</pre>	5	N	A	2	It Display- Name = JSESSIONID Value = ECA2B5DADFB9A84645D2A574E2D282D6	Ed
	<p>Consider the following program. What should be the correction done in the program to get correct output?</p> <pre>&lt;%@ page import="hello.NameHandler" %&gt; &lt;jsp:useBean id="mybean" scope="page" class="hello.NameHandler" /&gt; &lt;jsp:setProperty</pre>						

288	<pre>name="mybean" property="*" /&gt; &lt;html&gt; &lt;head&gt;&lt;title&gt;Hello, User&lt;/title&gt;&lt;/head&gt; &lt;body bgcolor="#ffffff" background="background.gif"&gt; &lt;%@ include file="dukebanner.html" %&gt; &lt;table border="0" width="700"&gt; &lt;tr&gt; &lt;td width="150"&gt; &lt;/td&gt; &lt;td width="550"&gt; &lt;h1&gt;My name is Duke. What's yours?&lt;/h1&gt; &lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td width="150" &lt;/td&gt; &lt;td width="550"&gt; &lt;form method="get"&gt; &lt;input type="text" name="username" size="25"&gt; &lt;br&gt; &lt;input type="submit" value="Submit"&gt; &lt;input type="reset" value="Reset"&gt; &lt;/td&gt; &lt;/tr&gt; &lt;/form&gt; &lt;% if ( request.getParameter("username") != null ) { %&gt; &lt;%@ include file="response.jsp" %&gt; &lt;% } %&gt; &lt;/body&gt; &lt;/html&gt;</pre>	5	N	A	2	Closing Table tag is missing	Ed
289	<p>Consider the following program. What should be the correction done in the program to get correct output? import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*; public class DateServlet extends HttpServlet { public void doGet(HttpServletRequest request,HttpServletResponse response) throws ServletException ,IOException { HttpSession hs=request.getSession(true); response.setContentType("text/html"); PrintWriter pw=response.getWriter(); pw.print("&lt;B&gt;"); Date date=(Date)hs.getAttribute("date"); if(date!=null) { pw.print("Last access: " + date + "&lt;br&gt;"); } date=new Date(); hs.setAttribute("date", date); pw.println("Current date:" + date); }</p>	5	N	A	2	Missing }	Ed
290	<p>Consider the following program. Identify the exception that might be thrown import java.net.*; class URLEDemo { public static void main(String args[]) throws _____ { URL netAddress= new URL("http://www.sun.com:8080//index.html"); System.out.println("Protocol :"+netAddress.getProtocol()); System.out.println("Port :"+netAddress.getPort()); System.out.println("Host :"+netAddress.getHost()); System.out.println("File :"+netAddress.getFile()); } }</p>	5	N	A	2	MalformedURLException	Ed
291	<p>Consider the following program. Identify the exception that might be thrown import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class GetCookiesServlet extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response)throws _____{ Cookie[] cookies =request.getCookies(); response.setContentType("text/html"); PrintWriter pw=response.getWriter(); pw.println("&lt;B&gt;"); for(int i=0;i&lt;cookies.length;i++) { String name=cookies[i].getValue(); pw.println("name=" + name +"; value = "+ value); } pw.close(); } }</p>	5	N	A	2	ServletException,IOException	Ed
292	<p>Consider the following program. Identify which statement contains error. import javax.servlet.*; import javax.servlet.http.*; import java.io.*; public class FactorialServlet extends HttpServlet { public void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException { int fact=1; int f1 = res.getParameter("number"); int num=Integer.parseInt(f1); res.setContentType("text/html"); PrintWriter out = res.getWriter(); for(int i=1;i&lt;=num;i++) { fact=fact*i; } out.println("The factorial of number is"); out.println(fact); out.close(); } }</p>	5	N	A	2	Error in getParameter() method return value of request parameter.	Ed
	<p>Consider the following program. Fill the missing(*****) statement. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class SessionIdServlet extends HttpServlet { public void</p>						

293	doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { ***** response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>"); pw.print("Your session Id:" + hs.getId()); } }	5	N	A	2	HttpSession hs = request.getSession(true);	Ed
294	Consider the following program. Identify the missing statement import java.io.*; import java.util.*; import javax.servlet.*; public class DateServlet extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { HttpSession hs = request.getSession(true); // Get writer. response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>"); // Display date/time of last access. Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access: " + date + " "); } // Display current date/time. date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } }	5	N	A	2	import javax.servlet.http.*;	Ed
295	Consider the following program. Identify the missing statement from the output. import java.net.*; class URLEDemo { public static void main(String args[]) throws MalformedURLException { URL netAddress = new URL("http://www.sun.com: //index.html"); System.out.println("Protocol :"+netAddress.getProtocol()); System.out.println("Port :"+netAddress.getPort()); System.out.println("Host :"+netAddress.getHost()); System.out.println("File :"+netAddress.getFile()); } } Output of the Program Protocol :http Host :www.sun.com File :/index.html	5	N	A	2	Port: -1	Ed
296	Consider the following program. Identify the missing statement in the program. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class Exp extends HttpServlet { protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html;charset=UTF-8"); PrintWriter out = _____ out.println("the server name: "+request.getServerName()+" "); out.println("the server port: "+request.getServerPort()+" "); out.println("the server protocol: "+request.getProtocol()+" "); out.println("the server scheme: "+request.getScheme()+" "); out.close(); } }	5	N	A	2	response.getWriter();	Ed
297	Consider the following program. Identify the missing statement to get correct output. import javax.servlet.*; import javax.servlet.http.*; import java.io.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = request.getParameter("data"); Cookie cookie = new Cookie("MyCookie", data); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	response.addCookie(cookie);	Ed
298	Consider the following program. Identify the missing word ****. <html> <body> <center> <form name="Form1" action="http://****/examples/servlet/ColorGetServlet"> <B>Color: </B> <select name="color" size="1"> <option value="Red">Red</option> <option value="Green">Green</option>	5	N	A	2	localhost:8080	Ed

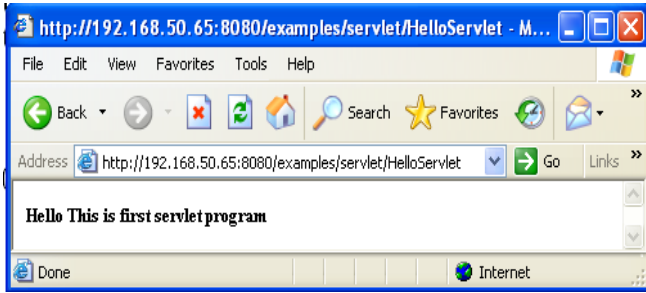
	<code>&lt;option value="Blue"&gt;Blue&lt;/option&gt; &lt;/select&gt; &lt;br&gt;&lt;br&gt; &lt;input type=submit value="Submit"&gt; &lt;/form&gt; &lt;/body&gt; &lt;/html&gt;</code>						
299	Consider the following program. Which class should be extended. <pre>import java.io.*; import javax.servlet.*; public class First extends *****{ public void service(ServletRequest req,ServletResponse res) throws IOException,ServletException{ res.setContentType("text/html"); PrintWriter out=res.getWriter(); out.print("&lt;html&gt;&lt;body&gt;"); out.print("&lt;b&gt;hello generic servlet&lt;/b&gt;"); out.print("&lt;/body&gt;&lt;/html&gt;"); } }</pre>	5	N	A	2	GenericServlet	Ed
300	Consider the following program. Which packages must be included for Successfully executing the code? // Extend HttpServlet class public class HelloWorld extends HttpServlet { String message; public void init() throws ServletException { // Do required initialization message = "Hello World"; } public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { // Set response content type response.setContentType("text/html"); // Actual logic goes here. PrintWriter out = response.getWriter(); out.println("<h1>" + message + "</h1>"); } public void destroy() { // do nothing. } }	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
301	Consider the following program what will happen after execution. <pre>package mypkg; import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloServlet extends HttpServlet public void doGet(HttpServletRequest request, HttpServletResponse response)throws ServletException,IOException { response.setContentType("text/html;charset=UTF-8"); PrintWriter out = response.getWriter(); try { out.println("&lt;!DOCTYPE html&gt;"); out.println("&lt;html&gt;&lt;head&gt;"); out.println("&lt;meta http-equiv='Content- Type' content='text/html; charset=UTF-8'&gt;"); out.println("&lt;title&gt;Hello, World&lt;/title&gt;&lt;/head&gt;"); out.println("&lt;body&gt;"); out.println("&lt;h1&gt;Hello, world!&lt;/h1&gt;"); out.println("&lt;p&gt;Request URI: " + request.getRequestURI() + "&lt;/p&gt;"); out.println("&lt;p&gt;Protocol: " + request.getProtocol()+ "&lt;/p&gt;"); out.println("&lt;p&gt;PathInfo: " + request.getPathInfo()+ "&lt;/p&gt;"); out.println("&lt;p&gt;Remote Address: " + request.getRemoteAddr() + "&lt;/p&gt;"); out.println("&lt;p&gt;A Random Number: &lt;strong&gt;" +Math.random() + "&lt;/strong&gt;&lt;/p&gt;"); out.println("&lt;/body&gt;"); out.println("&lt;/html&gt;"); } finally { out.close(); } }</pre>	5	N	A	2	Hello, world! Request URI: /Dynamic/HelloServlet Protocol: HTTP/1.1 PathInfo: null Remote Address: 0:0:0:0:0:0:1 A Random Number: 0.8229618315032056	Ed
302	Consider the following. Find missing statement in code <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloWorld extends HttpServlet { private String message; public void init() throws ServletException { message = "Hello World"; } public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { PrintWriter out = response.getWriter(); out.println("&lt;h1&gt;" + message + "&lt;/h1&gt;"); } public void destroy() { // do nothing. } }</pre>	5	N	A	2	response.setContentType("&quot;text/html&quot;);	Ed
303	Cookies and Sessions can be created and used with: A. Generic servlets B. Http servlets Select correct option from following.	5	N	U	2	Only B	Ed
	Correct the following code. <pre>import java. Io. * ; import javax. Servlet. * ; import javax. Servlet. Http.* ; public class cookies Example extends HttpServlet { public void dopost ( HttpServletRequest req,HttpServletResponse res ) throws ServletException, IOException { res. set content type ( "text/html"); String dta = req. get Parameter ("data"); PrintWriter pw = res. getWriter (); cookie cookie = new Cookie ( "My cookies " data ) ; cookie.setMaxAge(1); req.addCookie</pre>						

304	(cookie); pw. print In (" <b>&lt;br&gt;</b> Information collected by cookie. <b>&lt;br&gt;</b>  "); pw. print In (" <b>&lt;br&gt;</b> value of cookie : <b>&lt;br&gt;</b> " + cookie.get Value () + " <b>&lt;br&gt;</b> "); pw. print In (" <b>&lt;br&gt;</b> name of cookie : <b>&lt;br&gt;</b> " + cookie.get name () + " <b>&lt;br&gt;</b> "); pw. print In (" <b>&lt;br&gt;</b> path of cookie : <b>&lt;br&gt;</b> " + cookie.get path () + " <b>&lt;br&gt;</b> "); pw. print In (" <b>&lt;br&gt;</b> Domain of cookie : <b>&lt;br&gt;</b> " + cookie.get Domain () + " <b>&lt;br&gt;</b> "); pw. print In (" <b>&lt;br&gt;</b> Description of cookie : <b>" + cookie.get comment () + " <b>&lt;br&gt;</b> "); pw. print In (" <b>&lt;br&gt;</b> version of cookie : <b>&lt;br&gt;</b> " + cookie.get Versions () + " <b>&lt;br&gt;</b> "); pw. print In (" <b>&lt;br&gt;</b> MaxAgeof cookie : <b>&lt;br&gt;</b> " + cookie.get MaxAge () + " <b>&lt;br&gt;</b> "); pw. print In (" <b>&lt;br&gt;</b> my cookie : <b>&lt;br&gt;</b> " has been set to "); pw. print In (data ); pw. close (); } }	5	N	A	2	Cookie cookie = new Cookie (&quot;MyCooke&quot;, data ) ; res.addCookie (cookie);	Ed
305	DatabaseMetaData gives information about _____	5	N	U	2	Database	Ed
306	Debug the following code and find which statement contains error. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class DemoServlet extends HttpServlet { public void service(HttpServletRequest req,HttpServletResponse res) throws ServletException,IOException { res.setContentType("text/html"); PrintWriter pw= res.getWriter(); pw.println("<h2> Welcome to servlet programming..."); pw.close(); } }	5	N	A	2	No error	Ed
307	Deployment descriptor describes	5	N	U	2	web component settings	Ed
308	Difference between doGet() and doPost() methods is _____. Select any of given options A. In doGet() the parameters are appended to the URL and sent along with header information. B. In doPost(),will send the information through a socket back to the webserver and it won't show up in the URL bar. C. doGet() is a request for information; D. doPost() provides information (such as placing an order) that the server is expected to remember	5	N	U	2	All above are valid differences	Ed
309	Difference between servlet and applet is _____. Select any of given options A. Servlet executes on Servers,where as applet executes on browser. B. Servlet have no GUI,where as an applet has an GUI. C. Servlet can handle only one request,where as applet can handle multiple request. D. Servlet creates static web pages ,where as applet creates dynamic web pages.	5	N	U	2	Only A and B are correct.	Ed
310	Diffrence between JSP and Servlet is _____. Select any of given options A) In MVC, jsp act as a view. B) Servlets run faster compared to JSP. C) In MVC, servlet act as a controller. D) Using JSP, we can build custom tags which can directly call Java beans.	5	N	U	2	All above are valid differences	Ed
311	During initialization of servlet a servlet instance can throw	5	N	U	2	Both	Ed
312	Dynamic Interception of request and responses to transform the information is done by _____	5	N	U	2	Servlet filter	Ed
313	Fill correct statement to get output import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class SessionIdServlet extends HttpServlet { public void doGet(HttpServletRequest request,HttpServletResponse response) throws ServletException,IOException { response.setContenetType("text/html"); printWriter pw=response.getWriter(); HttpSession session=_____; String id=session.getId(); pw.println("session Id is:" +id); } }	5	N	A	2	request.getSession()	Ed

314	Fill in the missing statements import javax.servlet.*; import javax.servlet.http.*; import java.io.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = request.getParameter("data"); Cookie cookie = ----- ----- response.addCookie(cookie); response.setContentType("-----"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	new Cookie("&quot;MyCookie&quot;; data); text/html	Ed
315	Find correct output of following code HTML FILE <html> <body> <form action="pass1"> name:<input type="text" name="t1"> password:<input type = "password" name="t2"> <input type="submit" value="login"> </form> </body> </html> // Servlet file import java.io.*; import javax.servlet.*; public class pass1 extends GenericServlet { public void service(ServletRequest req,ServletResponse res)throws ServletException, IOException { res.setContentType("text/html"); PrintWriter pw = res.getWriter(); String un="abc"; String pwd="xyz"; String p1=req.getParameter("t1"); String p2=req.getParameter("t2"); if((p1.equals(un)) && (p2.equals(pwd))) { pw.println("<h1>welcome to home page</h>"); }else{ pw.println("invalid"); } pw.close(); } }	5	N	A	2	Firstly input username & password then it displays &quot;welcome to home page&quot;;	Ed
316	Find error in following code from given options. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class ColorPostServlet extends HttpServlet { public void doPost(ServletRequest request,ServletResponse response)throws ServletException, IOException { String color = request.getParameter("color"); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>The selected color is: "); pw.println(color); pw.close(); } }	5	N	A	2	Error in doPost() method	Ed
317	Find errors in following code. import java.io.*; import javax.servlet.*; public class MyServlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>Servlet programming</B>"); pw.println(" It is cool!"); pw.close(); } }	5	N	A	2	Error in service() method declaration	Ed
318	Find out error in the following program import javax.servlet.*; import javax.servlet.http.*; import java.io.*; public class SessionDemo extends HTTPServlet { public void doGet(HttpServletRequest req,HttpServletResponse res)throws ServletException,IOException { res.setContentType("text/html"); PrintWriter pw=res.getWriter(); HttpSession hs=req.getSession(true); //Print Session ID pw.println("Session ID= "+hs.getId()); } }	5	N	A	2	statement where http servlet class is extended	Ed
319	Find out the error in the following code. import java.io.*; import javax.servlet.*; public class servlet extends HTTPServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter printwriter = response.getWriter(); printwriter.println("<B>Hello from Java!</B>"); printwriter.close(); } }	5	N	A	2	Mismatch servlet	Ed
	Find out the missing statement <html> <head> <title>Reading Cookies</title> </head> <body> <center> <h1>Reading Cookies</h1> </center> <% Cookie cookie = null; Cookie[] cookies =						

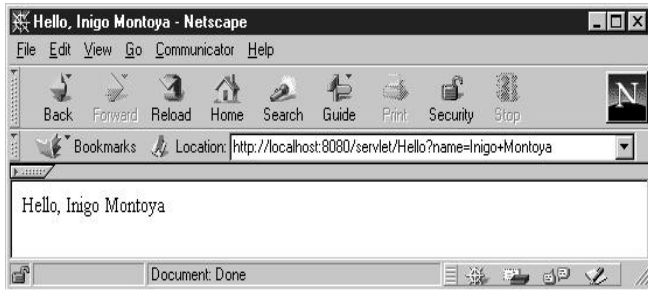


320	<pre> null; // Get an array of Cookies associated with this domain if( cookies != null ){ out.println("&lt;h2&gt; Found Cookies Name and Value&lt;/h2&gt;"); for (int i = 0; i &lt; cookies.length; i++){ cookie = cookies[i]; out.print("Name : " + cookie.getName( ) + ", "); out.print("Value: " + cookie.getValue( )+" &lt;br/&gt;"); } }else{ out.println("&lt;h2&gt;No cookies founds&lt;/h2&gt;"); } %&gt; &lt;/body&gt; &lt;/html&gt; </pre>	5	N	A	2	cookies = request.getCookies();	Ed
321	<p>Find out the missing statement in following program</p> <pre> import java.io.*; import javax.servlet.*; public class simple extends GenericServlet { public void service(ServletRequest rq,ServletResponse rs)throws IOException, ServletException { rs.setContentType("text/html"); out.println("&lt;html&gt;"); out.println("&lt;body bgcolor=red&gt;"); out.println("&lt; h1&gt;Hello World!&lt;/h1&gt;"); out.println("&lt;/body&gt;"); out.println("&lt; / html&gt;"); } } </pre>	5	N	A	2	PrintWriter out = rs.getWriter();	Ed
322	<p>Find out the missing statement to get the correct output in bellow program</p> <pre> import java.io.*; import javax.servlet.*; import javax.servlet.http.*; import java.util.*; public class SessionTracking extends HttpServlet { public void doGet(HttpServletRequest req,HttpServletResponse res)throws ServletException,IOException { res.setContentType("text/html"); PrintWriter w=res.getWriter(); Integer count=(Integer)ss.getAttribute("tracker.count"); if(count==null) { count=new Integer(1); } else count=new Integer(count.intValue()+1); ss.setAttribute("tracker.count",count); w.println("&lt;h1&gt;Sessiontracking Demo&lt;/h1&gt;"); w.println("You have visited this page "+count+"times"); w.println("here is session data"); Enumeration enu=ss.getAttributeNames(); while(enu.hasMoreElements()) { String name= (String)enu.nextElement(); w.println(name+" "+ss.getAttribute(name)); } } } </pre>	5	N	A	2	HttpSession ss=req.getSession();	Ed
323	Find the Syntactally Correct Statement	5	N	A	2	public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException	Ed
324	<p>Find the statement missing in the below code</p> <pre> import java.io.*; import javax.servlet.*; public class HelloWorld extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { PrintWriter out = response.out.println("Hello World"); } } </pre>	5	N	U	2	both A and B	Ed
325	<p>Find the wrong statement in given program:</p> <pre> import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloServlet extends HttpServlet { public void service(HttpServletRequest request, HttpServletResponse response) throws ServletException,IOException { response.setContentType("text/html"); PrintWriter pw = response.getPrintWriter(); pw.println("&lt;b&gt; Hello This is first servlet program"); pw.close(); } } </pre> <p>Figure:-</p>	5	Y1	A	2	response.getPrintWriter(); replace this statement with response.getWriter();	Ed



326	Following are the life cycle methods of servlet: 1. service() 2. init() 3. destroy() Select the correct sequence in which these methods are executed during life cycle of a particular servlet.	5	N	U	2	2, 1,3	Ed
327	following is the code to get all the cookies . choose the proper option to fill the blank space in the code <code>Cookie ck[]=request.getCookies(); for(int i=0;i&lt;ck.length;i++){ out.print("&lt;br&gt;" +ck[i].getName()+" "+_____//printing name and value of cookie }</code>	5	N	A	2	<code>ck[i].getValue();</code>	Ed
328	Following Java program will throw exception _____.Select any one option from given options <code>import javax.servlet.http.*; import javax.servlet.*; import java.io.*; public class DemoServlet extends HttpServlet{ public void doGet(HttpServletRequest req,HttpServletResponse res)throws { res.setContentType("text/html"); PrintWriter pw=req.getWriter(); pw.println("&lt;html&gt;&lt;body&gt;"); pw.println("Welcome to servlet"); pw.println("&lt;/body&gt;&lt;/html&gt;"); }</code>	5	N	A	2	throws ServletException,IOException	Ed
329	following servlet read parameters passed through the html page. Write the correct HTML code for given servlet. <code>Import java.io.*; import java.util.*; import javax.servlet.*; public class Example2servlet extends Generic servlet { public void service request req, ServletResponse res) throws ServletException, IOException { PrintWriter pw = res.getWriter(); Enumeration E= req.getParameterNames(); while ( e. has More Elecment() ) { stringpname = (string)e.nextElement(); pw.println(pname+"="); String pvalue = req.getParameter(pname); pw . printIn (pvalue); } pw. close(); } } &lt;html&gt; &lt;head&gt; &lt;title&gt;&lt;title&gt; &lt;meta htt-equiv="Content-type" content="text/html; charset= UTF-8"&gt; &lt;/head&gt; &lt;body&gt; &lt;form name = "form" method ="post" action = http://localhost:8080/WebApplication1/Example2Servlet&gt; &lt;table&gt; _____ &lt;/table&gt; &lt;input type = "subit" value = "submit" &gt; &lt;/body&gt; &lt;/html&gt;</code>	5	N	A	2	<code>d.&amp;lt;tr&amp;gt; &amp;lt;td&amp;gt; phone : &amp;lt;/td&amp;gt; &amp;lt;td&amp;gt;&amp;lt;input type = textbox name =phone' size &amp;quot;25&amp;quot; value = &amp;quot;&amp;quot; &amp;gt;&amp;lt;/td&amp;gt; &amp;lt;/tr&amp;gt;</code>	Ed
330	Following statement means: <code>HttpSession getSession( )</code>	5	N	U	2	It will return existing session object,If not it will create a new session.	Ed
331	For a given ServletResponse response, which retrieve an object for writing text data?	5	N	U	2	<code>response.getWriter()</code>	Ed
332	For a HttpSession, say session, how do you get its attribute?	5	N	U	2	<code>session.getAttribute("&amp;quot;lastName&amp;quot;);</code>	Ed
	For Displaying Session ID which statement/statements are missing? <code>import java.io.*; import javax.servlet.*; import javax.servlet.http.*;</code>						

333	<pre>public class SessionExample1 extends HttpServlet {     public void doGet(HttpServletRequest request, HttpServletResponse response)     throws IOException, ServletException {         HttpSession session = request.getSession(true);         response.setContentType("text/html");         PrintWriter out = response.getWriter();         -----         out.println("ID="+id);     } }</pre>	5	N	A	2	String id=session.getId();	Ed
334	<p>For given figure which method of ReuestDispatcher is applicable (S1Q41)</p> <p>Figure:-</p> <pre> graph LR     Client[Client (HTML)] -- Request --&gt; S1[S1 (Servlet)]     S1 -- forward() --&gt; S2[S2 (Servlet)]     S2 -- "Response of S2 only, that too, directly" --&gt; Client </pre>	5	Y1	U	2	forward	Ed
335	For the below html code: <code>&lt;input type="text" name="username"&gt;</code> The servlet code to retrieve the value from the text box is:	5	N	U	2	String str=req.getParameter("username"); where req is HttpServletRequest object	Ed
336	For the following code identify the correct syntax of service () method of servlet class. <code>import java.io.*; import javax.servlet.*; public class HelloServlet extends GenericServlet { public void service(_____)throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;Hello"); pw.close(); } }</code>	5	N	A	2	void service(ServletRequest req,ServletResponse res)	Ed
337	For the following code select the missing statement that can be used . <code>import java.io.*; import java.net.*; import javax.servlet.*; public class Exp extends GenericServlet{ public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;b&gt;Values u entered are:&lt;/b&gt;"); out.println("Hello "+name+"&lt;br&gt;"); out.close(); } }</code>	5	N	A	2	String name=request.getParameter("name");	Ed
338	For the following output, what is the html <form> tag code? Figure:-	5	Y1	A	2	&lt;FORM METHOD="GET" ACTION="/servlet/Hello">	Ed



339	Generic servlet implements the _____ & _____ interface.	5	N	U	2	Servlet & servlet config	Ed
340	getSession() is a method of _____ class.	5	N	U	2	HttpServletRequest	Ed
341	getSession(true) method will return appropriate session object if.....	5	N	U	2	the session is existing	Ed
342	getWriter method is accessed as _____	5	N	U	2	response.getWriter()	Ed
343	Given a web application ShoppingCart with 2 files: ShoppingCart/customer/ addProductToCart.jsp ShoppingCart/customer/ showCart.jsp which of the following code are valid in addProductToCart.jsp to dispatch request to the showCart.jsp?	5	N	A	2	RequestDispatcher nextView = request.getRequestDispatcher(&quot;/showCart.jsp&quot;);	Ed
344	Given an HttpServletRequest request and an HttpServletResponse response: 41. HttpSession session = null; 42. // insert code here 43. if (session == null) { 44. // do something if session does not exist 45. } else { 46. // do something if session exists 47. } To implement the design intent, which statement must be inserted at line 42?	5	N	U	2	session = request.getSession (false);	Ed
345	Given an HttpServletRequest request and HttpServletResponse response, which sets a cookie "username" with the value "joe" in a servlet?	5	N	U	2	response.addCookie(new Cookie(&quot;username&quot;, &quot;joe&quot;));	Ed
346	Given that resp is an HttpServletResponse, and no custom headers exist in this response before this snippet executes: resp.addHeader("myHeader", "foo"); resp.addHeader("myHeader", "bar"); resp.setHeader("myHeader", "baz"); String [] s = resp.getHeaders("myHeader"); What is the value of s[0]?	5	N	A	2	Compilation fails	Ed
347	Given the following servlet mapping definition for the web application named 'secureapp', <servlet> <servlet-name>ProcessLoginData</servlet-name> <servlet-class>DoLogin</servlet-class> </servlet> <servlet-mapping> <servlet-name>ProcessLoginData</servlet-name> <url-pattern>do/Login</url-pattern> </servlet-mapping> which of the following URLs will correctly request the Servlet?	5	N	U	2	http://localhost:8080/secureapp/do/Login?name=&quot;bob&quot;	Ed
348	Given: <!-- insert code here --%> <html> <body> Today is: <%= new Date() %> </body> </html> What needs to go on line 1?	5	N	A	2	&lt;%@ page import='java.util.Date' %&gt;	Ed
349	Given: 1. public void service(ServletRequest request, 2. ServletResponse response) { 3. ServletInputStream sis = 4. // insert code here 5. } Which retrieves the binary input stream on line 4 ?	5	N	A	2	request.getInputStream();	Ed
350	How does Tomcat execute a JSP?	5	N	U	2	By one of Tomcat's threads	Ed
	How is the form data stored as a cookie on client machine? Pick out the						

351	correct servlet code for the below html code: <html> <head> <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"> <title>Form</title> </head> <body> <form method="get" action="CServlet"> Enter your name : <input type="text" name="myname"> <input type="submit" value="go"> </form> </body> </html>	5	N	A	2	String s=request.getParameter("&quot;myname&quot;); Cookie c=new Cookie("&quot;name&quot;", s); response.addCookie(c);	Ed
352	http://jenkov.com/somePage.html?param1=hello&m2=world Such line will be in browser address bar which statements are true	5	N	A	2	all of above	Ed
353	i) is key component of server side java development ii) is a small pluggable extension to a server that enhances functionality iii) runs only in Windows Operating System iv) allows developers to customize any java enabled server	5	N	U	2	i, ii & iv are true	Ed
354	Identify the following is/are true for JSP technology ? I. It is persistent. II. Platform independent. III. Browser executes the code.	5	N	U	2	Both (I) & (II)	Ed
355	Identify correct syntax of addCookie() method	5	N	U	2	void addCookie(Cookie cookie)	Ed
356	Identify correct syntax of doPost() method used in servlets.	5	N	U	2	void doPost(HttpServletRequest req,HttpServletResponse res)	Ed
357	Identify correct syntax of service() method of servlet class	5	N	U	2	void service(ServletRequest req, ServletResponse res)	Ed
358	Identify method used by following url http://localhost:8080/examples/servlet/test.html?uid=xyz?pass=vvpp?	5	N	A	2	get()	Ed
359	Identify proper syntax of doGet()	5	N	U	2	void doGet(HttpServletRequest req, HttpServletResponse res) throws IOException, ServletException	Ed
360	Identify the correct sequence in Lifecycle of JSP	5	N	U	2	Compile, Initialize, Execute, Destroy	Ed
361	Identify the correct sequence of Steps for creation and execution of java and html file for servlet A) Create a directory structure under Tomcat for your application. Write the servlet source code. You need to import the B)javax.servlet package and the javax.servlet.http package in your source file. C)Compile your source code. D)Create a deployment descriptor. E)Run Tomcat. F)Call your servlet from a web browser.	5	N	U	2	ABCDEF	Ed
362	identify the correct signature of setContextLenght() method of ServletResponse interface.	5	N	U	2	void setContextLength(int size)	Ed
363	If you want to override a JSP file's initialization method, within what type of tags must you declare the method?	5	N	A	2	&lt;%&gt;	Ed
364	If your servlet class file does not have a package statement, the servlet .class file must be placed in _____ by default.	5	N	A	2	TomcatRootDir\webapps\examples\WEB-INF\classes	Ed
365	import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*; public class DateServlet extends HttpServlet { public void doGet(HttpServletRequest request) throws ServletException, IOException { HttpSession hs = request.getSession(true); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>"); Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access: " + date + " "); } Date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } } find the error in the above code.	5	N	A	2	Both A and B	Ed
366	In a URL query string, the parameter name and value are associated using the ____ symbol.	5	N	U	2	=	Ed

367	In following Java code fill statement showing ***.Select any one option from given options import java.servlet.*; import java.io.IOException; public clas Primitive implements Servlet { public void init (ServletConfig config) throws ***** { System.out.println("init"); } }	5	N	A	2	ServletException	Ed
368	In following Java program fill statement showing *** . Select any one option from given options import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*; public class DateServlet extends HttpServlet{ public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException{ HttpSession hs = ***** response.setContentType("text/html"); PrintWriter pw=response.getWriter(); pw.print("<B>"); Date date= (Date)hs.getAttribute("date"); if(date!=null){ pw.print("Last access:"+date+" "); } date =new Date(); hs.setAttribute("date", date); pw.println(" Current date:"+date); } }	5	N	A	2	request.getSession(true);	Ed
369	In following Java program fill statement showing *****.Select any one option from given options. import java.io.*; import java.util.*; import javax.servlet.*; public class PostParametersServlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { PrintWriter pw = response.getWriter(); Enumeration e = *****; // Display parameter names and values. while(e.hasMoreElements()) { String pname = (String)e.nextElement(); pw.print(pname + " = "); String pvalue = request.getParameter(pname); pw.println(pvalue); } pw.close(); } }	5	N	A	2	request.getParameterNames();	Ed
370	In following Java program fill statement showing ***.Select any one option fro given options import java.io.*; import javax.servlet.*; public class HelloServlet extends *****{ public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>Hello!"); pw.close(); } }	5	N	A	2	GenericServlet	Ed
371	In following Java program fill statement showing ***.Select any one option fro given options import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends ***** { public void doPost(HttpServletRequest request, HttpServletResponse response) throwsServletException, IOException { String data = request.getParameter("data"); Cookie cookie = new Cookie("MyCookie", data); response.addCookie(cookie); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	HttpServlet	Ed
372	In following Java program fill statement showing ***.Select any one option fro given options import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throwsServletException, IOException { String data = request.getParameter("data"); Cookie cookie = new Cookie("My Cookie",data); response.*****; response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	addCookie(cookie);	Ed

373	In following Java program fill statement showing ***.Select any one option fro given options import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = request.getParameter("data"); Cookie cookie = new Cookie("MyCookie", data); response.addCookie(*****); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	cookie	Ed
374	In following Java program fill statement showing ***.Select any one option from given options import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = ***** Cookie cookie = new Cookie("MyCookie", data); response.addCookie(cookie); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	request.getParameter("&quot;data&quot;);	Ed
375	In following Java program fill statement showing ***.Select any one option from given options import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloForm extends HttpServlet { public void doGet(HttpServletRequest request,HttpServletResponse response)throws ServletException, IOException { Cookie firstName = *****; Cookie lastName = *****; firstName.setMaxAge(60*60*24); lastName.setMaxAge(60*60*24); response.addCookie( firstName ); response.addCookie( lastName ); response.setContentType("text/html"); PrintWriter out = response.getWriter(); String title = "Setting Cookies Example"; out.println("<html>\n" + "<head><title>" + title + "</title></head>\n" + "<body bgcolor=#f0f0>\n" + "<h1 align='center'>" + title + "</h1>\n" + "<ul>\n" + "<li><b>First Name</b>: " + request.getParameter("first_name") + "\n" + "<li><b>Last Name</b>: " + request.getParameter("last_name") + "\n" + "</ul>\n" + "</body></html>"); }	5	N	A	2	new Cookie("&quot;first_name&quot;,request.getParameter("&quot;first_name&quot;)); new Cookie("&quot;last_name&quot;,request.getParameter("&quot;last_name&quot;));	Ed
376	In following Java program fill statement showing ***.Select any one option from given options import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request,HttpServletResponse response) throws ServletException,IOException { String data=***** Cookie cookie=new Cookie("MyCookie",data); response.addCookie(cookie); response.setContentType("text/html"); PrintWriter pw=response.getWriter(); pw.print("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	request.getParameter("&quot;data&quot;);	Ed
377	In following Java program fill statement showing @@@@.Select any one option fro given options import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = request.getParameter("@@@@@@@@@@@@@@@@@"); Cookie cookie	5	N	A	2	data	Ed

	<pre>= new Cookie("MyCookie", data); response.addCookie(cookie); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;MyCookie has been set to"); pw.println(data); pw.close(); } }</pre>						
378	<p>In following Java program fill statement showing _____.Select any one option from given options import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = _____.getParameter("data"); Cookie cookie = new Cookie("MyCookie,data); response.addCookie(cookie); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;MyCookie has been set to"); pw.println(data); pw.close(); } }</p>	5	N	A	2	request	Ed
379	<p>In following Java program fill statement showing _____. import java.io.*; import javax.servlet.*; public class HelloServlet extends GenericServlet { public void _____(ServletRequest request,ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;h1&gt; Welcome to Servlet&lt;/h1&gt;"); } }</p>	5	N	A	2	service	Ed
380	<p>In following Java program which package is used public class Helloservlet extends HttpServlet { public void doPost(HttpServlet request,HttpServletResponse response) throws ServletException,IOException { string color=request.getParameter("color") response.setContentType("text/html"); PrintWriter pw=response.getWriter(); pw.println("&lt;B&gt;The selected color is:"); pw.println(color); pw.close(); } } &lt;html&gt; &lt;body&gt; &lt;form name="Form1" method="post" action:""http://localhost:8080/examples/servlet/HelloServlet"&gt; &lt;B&gt;Color:&lt;/B&gt; &lt;select name="color"size="1"&gt; &lt;option value="Red"&gt;Red&lt;/option&gt; &lt;/select&gt; &lt;br&gt;&lt;br&gt; &lt;input type=submit value="submit"&gt; &lt;/form&gt; &lt;/body&gt; &lt;/html&gt;</p>	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;	Ed
381	<p>In following Java program which package needs to be imported for Enumeration? import java.io.*; import javax.servlet.*; public class Second extends GenericServlet { public void service(ServletRequest req,ServletResponse res) throws IOException,ServletException{ res.setContentType("text/html"); Enumeration e=req.getParameterNames(); PrintWriter out=res.getWriter(); while(e.hasMoreElements()) { String name=(String) e.nextElement(); out.print(name+" "); String value=req.getParameter(name); out.print(value); } out.close(); }</p>	5	N	A	2	import java.util.*;	Ed
382	<p>In following program fill statement showing ***** Select any one option from given options import javax.servlet.http.*; import javax.servlet.*; import java.io.*; public class DemoServ extends HttpServlet{ public void*****(HttpServletRequest req,HttpServletResponse res)throws ServletException,IOException { res.setContentType("text/html"); PrintWriter pw =res.getWriter(); String name=req.getParameter("name"); pw.println("Welcome "+name); } } // Html File &lt;html&gt;&lt;form action="DemoServ" method="GET"&gt; &lt;input type="submit" value="Click"&gt; &lt;/form&gt;&lt;/html&gt;</p>	5	N	A	2	doGet	Ed



383	In following servlet program "data" is a _____ import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String data = request.getParameter("data"); Cookie cookie = new Cookie("MyCookie", data); response.addCookie(cookie); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<B>MyCookie has been set to"); pw.println(data); pw.close(); } }	5	N	A	2	Value of &quot;Name&quot; attribute	Ed
384	In HTTP Request Which Asks for the loopback of the request message, for testing or troubleshooting?	5	N	A	2	TRACE	Ed
385	In JSP Action tags which is used to include the content of another resource it may be jsp, html or servlet?	5	N	A	2	jsp:include	Ed
386	In JSP Action tags which tags are used for bean development?	5	N	U	2	All mentioned above	Ed
387	In JSP,the classes that allow primitive types to be accessed as objects are known as	5	N	A	2	Wrapped classes	Ed
388	In order to run JSP ..... is required.	5	N	U	2	Java Web Server	Ed
389	In order to create a HttpServlet following import statements are used: A. import java.io.*; B. import javax.servlet.*; C. import javax.servlet.http.*; Which of the above statements are mandatory?	5	N	U	2	Statements A, B, C are compulsory.	Ed
390	In RequestDispatcher which method is used to sends the same request and response objects to another servlet?	5	N	A	2	forward()	Ed
391	In Servlet programming, the cookie is represented by the cookie class in the _____ package.	5	N	A	2	javax.servlet.http	Ed
392	In Session tracking which method is used in a bit of information that is sent by a web server to a browser and which can later be read back from that browser?	5	N	U	2	Cookies	Ed
393	In the following statements identify the disadvantages of CGI?	5	N	U	2	All mentioned above	Ed
394	In web application running in a webserver who is responsible for creation request & response object .	5	N	A	2	Container	Ed
395	In which advantage of servlet, Servlets are managed by JVM so no need to worry about memory leak, garbage collection etc.?	5	N	A	2	Robust	Ed
396	In which file do we define a servlet mapping?	5	N	U	2	web.xml	Ed
397	In which folder we have to save java file for servlet?	5	N	U	2	classes	Ed
398	In which of the following cases the request.getAttribute() will be helpful?	5	N	A	2	If a servlet or jsp is invoked using forward method	Ed
399	In which technology, we mix our business logic with the presentation logic?	5	N	A	2	Servlet	Ed
400	index.html <html> <form method="GET" action="MyServlet"> <input type="text" name="foo" />  <input type="text" name="foo" />   <input type="submit" value="Submit" /> </form> </html> MyServlet.java import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class MyServlet extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { String second =	5	N	A	2	second = request.getParameterValues("&quot;foo&quot;")[1];	Ed


	***** } } From the above code fill statement showing ***** that retrieve the text from the second text field.						
401	init(),service() and destroy()methods are define in 1.java.servlet.Servlet interface 2.java.servlet.ServletHttp class 3.java.servlet.ServletRequest interface 4.java.servlet.ServletResponse interface	5	N	A	2	1	Ed
402	insert the correct statements in the given program import java.io.*; import javax.servlet.*; public class pass1 extends GenericServlet { public void service(ServletRequest req,ServletResponse res)throws ServletException, IOException { res.setContentType("text/html"); PrintWriter pw = res.getWriter(); String un="abc"; String pwd="xyz"; String p1=res.getParameter("t1"); String p2=res.getParameter("t2"); if((p1.equals(un)) && (p2.equals(pwd))) { pw.println("<h1>welcome to home page</h1>"); }else pw.println("invalid"); pw.close(); }	5	N	U	2	setContentype("text/html"); String p1=req.getParameter("t1"); String p2=req.getParameter("t2");	Ed
403	int getServerPort() This method _____	5	N	A	2	Returns the port umber on which this request was received.	Ed
404	Is Servlet thread } Safe?	5	N	A	2	No	Ed
405	Java Servelet i)Is a key component of server side Java Development ii)is a small pluggable extension to a server that enhances functionality iii)runs only in Windows Operating System iv)allows developers to customize any java enabled server	5	N	U	2	ii, iii & iv are true	Ed
406	Java servlets are better than the CGI programs because _____.	5	N	A	2	A and C	Ed
407	JSP declaration do not have access to automatically defined variable like request,response etc. Which of the following are correct.select the one correct answer.	5	N	A	2	To use the character %& inside a scriptlet, you may use %\& instead	Ed
408	JSP directives provide directions and instructions to the container, telling it how to handle certain aspects of JSP processing. There are three types of JSP directives and they are _____	5	N	A	2	&lt;%@ page ... %& &lt;%@ include ... %& &lt;%@ taglib ... %&	Ed
409	JSP includes a mechanism for defining ----- or custom tags.	5	N	U	2	dynamic attributes	Ed
410	JSP pages have access to implicit objects that are exposed automatically. One such object that is available is request. The request object is an instance of which class?	5	N	U	2	HttpServletRequest	Ed
411	JSP tags are divided into which types?	5	N	U	2	All the above	Ed
412	methods that set the cookie attributes are : _____	5	N	U	2	A & B Both	Ed
413	My Application has a servlet, which do addition as shown below and sets the value in context scope. It then prints the result. public void doGet(HttpServletRequest req, HttpServletResponse resp) { resp.setContentType("text/html"); PrintWriter out=resp.getWriter(); int param_1 =Integer.parseInt( request.getParameter("Param1")); int param_2 =Integer.parseInt( request.getParameter("Param2")); getServletContext.setAttribute("result",(param_1 + param_2)); out.print("Result =="+getServletContext.getAttribute("result")); } But sometimes I get wrong results. How can I fix it?	5	N	A	2	By Putting the &quot;result&quot; attribute in request scope.	Ed
	My application has a servlet, which do addition as shown on given values and sets the value in context scope. It then prints the result.						

414	<pre> PrintWriter out=response.getWriter(); int param_1 =Integer.parseInt(request.getParameter("Param1")); int param_2 = Integer.parseInt(request.getParameter("Param2")); getServletContext.setAttribute("result",(param_1 + param_2)); out.print("Result =="+getServletContext.getAttribute("result")); But sometimes I get wrong results. What do you think might be the reason? </pre>	5	N	A	2	Many clients must be accessing the servlet	Ed
415	<pre> n the following code, what are the statements within doGet() method to display "Hello from Servlet" on the web browser. import java.io.IOException; import java.io.PrintWriter; import javax.servlet.ServletException; import javax.servlet.http.HttpServlet; import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse; public class NewServlet extends HttpServlet { protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { } } </pre>	5	N	A	2	PrintWriter pr=response.getWriter(); pr.println("&quot;Hello from Servlet&quot;);	Ed
416	Name the class that can be used to get cookies from the client browser.	5	N	U	2	HttpServletRequest	Ed
417	Non-persistent cookies It is valid for_____ session only	5	N	A	2	Single	Ed
418	<pre> Observe the program import java.io.IOException; import java.io.PrintWriter; import javax.servlet.ServletException; import javax.servlet.annotation.WebServlet; import javax.servlet.http.HttpServlet; import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse; public class HelloServlet extends HttpServlet { protected void processRequest(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html;charset=UTF-8"); PrintWriter out = response.getWriter(); String name = request.getParameter("name"); int a = Integer.parseInt( request.getParameter("num1")); int b = Integer.parseInt( request.getParameter("num2")); sum = a + b; out.println("Hi!" + name + "The sum is" + sum); out.close(); } } </pre>	5	N	A	2	This program will read user name and two values and display the sum of two values	Ed
419	Of the following four valid comment styles that can be used within JSP pages, which can the end user see?	5	N	A	2	&lt;!-- (c)2000 mabte.com --&gt;	Ed
420	<pre> Output of Following Program import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloServlet extends HttpServlet { public void doGet(HttpServletRequest req,HttpServletResponse res) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = req.getWriter(); out.println("&lt;HTML&gt;\n" + "&lt;HEAD&gt; &lt;TITLE&gt;Hello&lt;/TITLE&gt;&lt;/HEAD&gt;\n" + "&lt;BODY BGCOLOR=\"#FDF5E6\"&gt;\n" + "&lt;H1&gt;Hello World&lt;/H1&gt;\n" + "&lt;/BODY&gt; &lt;/HTML&gt;"); } } </pre>	5	N	A	2	Compilation Error	Ed
421	Predict the output <html> <head><title>A Comment Test</title></head> <body> <p> Today's date: <%= (new java.util.Date()).toLocaleString() %> </p> </body> </html>	5	N	A	2	Today's date: 15-sep-2007 07:02:07	Ed
422	public abstract class HttpServlet extends	5	N	U	2	GenericServlet	Ed
	<pre> public class FirstServlet extends HttpServlet { public void doPost(HttpServletRequest request, HttpServletResponse response){ try{ response.setContentType("text/html"); PrintWriter out = </pre>						

423	<pre>response.getWriter(); String n=request.getParameter("userName"); out.print("Welcome "+n); Cookie ck=new Cookie("uname",n); response.addCookie(ck); out.print("&lt;form action='servlet'&gt;"); out.print("&lt;input type='submit' value='go'&gt;"); out.print("&lt;/form&gt;"); out.close(); }catch(Exception e){System.out.println(e);} } } Output will have messgae Welcome with user name and go button. On click of Go</pre>	5	N	A	2	Run the servlet2	Ed
424	<pre>public class ServletX extends HttpServlet { public void doGet(HttpServletRequest req, HttpServletResponse res) throws IOException, ServletException { req.getSession().setAttribute("key", new X()); req.getSession().setAttribute("key", new X()); req.getSession().setAttribute("key", "x"); req.getSession().removeAttribute("key"); } } and given a listener public class X implements HttpSessionBindingListener { public void valueBound(HttpSessionBindingEvent event) { System.out.print("B"); } public void valueUnbound(HttpSessionBindingEvent event) { System.out.print("UB"); } } Which logging output would be generated by an invocation of the doGet method?</pre>	5	N	A	2	BBUBUB	Ed
425	<pre>public class SessionTracker extends HttpServlet { public void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException { res.setContentType("text/html"); PrintWriter out = res.getWriter(); HttpSession session = req.getSession(); Integer count = (Integer)session.getAttribute("tracker.count"); if (count == null) count = new Integer(1); else count = new Integer(count.intValue() + 1); session.setAttribute("tracker.count", count); } }</pre>	5	N	A	2	tracker.count is session variable	Ed
426	Select advantage of JSP from the following -	5	N	U	2	All of the mentioned	Ed
427	Select appropriate syntax for adding cookie.	5	N	U	2	HttpServletResponse-object.addCookie(Cookie obj);	Ed
428	Select correct option for syntax of servlet life cycle methods.	5	N	A	2	public void init(ServletConfig config) throws ServletException public void service(ServletRequest, ServletResponse) public void destroy( )	Ed
429	<pre>Select missing lines in following code to get ouput . import java.io.*; import javax.servlet.*; public class First implements Servlet{ ServletConfig config=null; public void init(ServletConfig config){ this.config=config; System.out.println("servlet is initialized"); } public void service(ServletRequest req,ServletResponse res) throws IOException,ServletException{ res.setContentType("text/html"); out.print("&lt;html&gt;&lt;body&gt;"); out.print("&lt;b&gt;hello simple servlet&lt;/b&gt;"); out.print("&lt;/body&gt;&lt;/html&gt;"); } public void destroy() {System.out.println("servlet is destroyed");} public ServletConfig getServletConfig(){return config;} public String getServletInfo(){return "copyright 2007-1010";} }</pre>	5	N	A	2	PrintWriter out=res.getWriter();	Ed
430	<pre>select missing statement in given program. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class CheckingTheSession extends HttpServlet{ protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("Checking whether the session is new or old&lt;br&gt;"); ***** if(session.isNew()) { pw.println("You have created a new session"); } } }</pre>	5	N	A	2	HttpSession session = request.getSession();	Ed
	Select the correct statement to get the output import java.io.*; import						

431	<pre> javax.servlet.*; import javax.servlet.http.*; public class SessionIdServlet extends HttpServlet { protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException,IOException { response.setContentType("text/html"); PrintWriter pw=response.getWriter(); HttpSession session=request.getSession(); String id=session.getId(); pw.println("Session Id is:"+ id) } </pre>	5	N	A	2	missing semicolon,missing }	Ed
432	<p>Select the missing code to print sevetconfig object initialization parameter in the following servlet</p> <pre> import java.io.*; import javax. Servlet.*; public class Example5Servlet extends GnericServlet { public void service ( ServletRequest req, ServletResponse res ) throwsServletException, IOException { ServletConfig config = getServletConfig (); PrintWriter pw=res. getWriter (); _____ pw. close (); } } </pre>	5	N	A	2	pw. println("&lt;&lt;B&gt;parameter name:&quot;+config. getInitParameter("&quot;parameter name &quot;));	Ed
433	<p>Select the missing method from following code.</p> <pre> public class HelloForm extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { Cookie firstName = new Cookie("first_name",request.getParameter("first_name")); Cookie Name = new Cookie("last_name", request.getParameter("last_name")); firstName.setMaxAge(60*60*24); lastName.setMaxAge(60*60*24); response.addCookie( firstName ); response.setContentType("text/html"); PrintWriter out = response.getWriter(); String title = "Setting Cookies Example"; out.println( "&lt;head&gt;&lt;title&gt;" + title + "&lt;/title&gt;&lt;/head&gt;" + "&lt;h1 align=\center"&gt;" + title + "&lt;/h1&gt;\n" + " &lt;li&gt;&lt;b&gt;First Name&lt;/b&gt;: " + request.getParameter("first_name") + "\n" + " &lt;li&gt;&lt;b&gt;Last Name&lt;/b&gt;: " + request.getParameter("last_name") + "\n" + "\n" + " &lt;/body&gt;&lt;/html&gt;"); } } </pre>	5	N	A	2	response.addCookie( Name );	Ed
434	<p>Select the missing statement in given code</p> <pre> import java.io.*; import javax.servlet.*; public class HelloServlet extends GenericServlet { public void service(ServletRequest request,ServletResponse response) { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;Hello!"); pw.close(); } } </pre>	5	N	U	2	public void service(ServletRequest request,ServletResponse response)throws ServletException, IOException	Ed
435	<p>Select the missing statement to get correct output</p> <pre> public class welcomeservlet extends GenericServlet { public void service(ServletRequest request,ServletResponse response) throws ServletException,IOException { response.setContentType("text/html"); printWriter pw =response.getWriter(); pw.println("&lt;B&gt;welcome to servlet!"); pw.close(); } } </pre>	5	N	A	2	import java.io.*; import java.servlet.*;	Ed
436	<p>Select the package used to import the abstract class HttpServlet and interfaces HttpServletRequest and HttpServletResponse</p>	5	N	U	2	import javax.servlet.http.*	Ed
437	<p>select the proper code to get cookies values</p>	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class getcookie extends HttpServlet { public void doGet(HttpServletRequest request,HttpServletResponse response) throws ServletException { // Get cookies from header of HTTP request. Cookie[] cookies = req.getCookies();	Ed
438	<p>select the proper syntax of doGet() method</p>	5	N	U	2	void doGet(HttpServletRequest req,HttpServletResponse res)throws IOException, ServletException	Ed
						import java.io.*; import javax.servlet.*; public class DemoServlet extends	

439	Select the valid program which shows all life cycle methods of GenericServlet.	5	N	A	2	GenericServlet { public void init() { // initialization goes here } public void service(ServletRequest req,ServletResponse res) throws IOException,ServletException { // actual service is provided here } public void destroy(){ }	Ed
440	Seperation of business logic from JSP this is the advantage of?	5	N	A	2	Custom Tags in JSP	Ed
441	service mthod of servelet is use	5	N	U	2	to send request and to get response	Ed
442	Servlet Life Cycle have _____ state.	5	N	U	2	5	Ed
443	Servlet offer following advantage over CGI	5	N	U	2	CGI is not platform independent but servlet are platform independent	Ed
444	ServletContext is 1. an Interface 2.A container which is used to store an object so that it is available for whole application 3.A container which is used to store an object so that it is available for session only. 4.A container which is used to store an object so that it is available for request only.	5	N	U	2	1,2	Ed
445	Servlets becomes thread safe by implementing the javax. Sevlet. Sigle ThreadModelinterface _____	5	N	U	2	as every request is handled by separate instances of the Servlet.	Ed
446	Servlets only needs be loaded once, while CGI programs needs to be load for every request so that servlet should perform faster than CGI	5	N	U	2	True	Ed
447	Servlets play important role in MVC Architecture as -----	5	N	A	2	Controller	Ed
448	State true or false for the following statements in Java i) Java beans slow down software development process. Ii) Java servlets do not have built in multithreading feature.	5	N	U	2	i-false,ii-false	Ed
449	Steps in JSP Page execution	5	N	U	2	1. Compilation 2. Initialization 3. Execution 4. Cleanup	Ed
450	Suppose the servlet class named Test does not have the package statement, by default, you use _____ to invoke it	5	N	A	2	http://localhost:8080/examples/servlet/Test	Ed
451	Suppose the two parameters in the doGet or doPost method are request and response. To retrieve a cookie from a client, use _____.	5	N	A	2	You have to use request.getCookies() to obtain all cookies in an array	Ed
452	Suppose the two parameters in the doGet or doPost method are request and response. To specify HTML content type sent to the client, invoke _____.	5	N	U	2	response.setContentType("&quot;text/html&quot;);	Ed
453	Suppose you want to know each time request comes in, so that you can log it. Which listener is appropriate for that?	5	N	U	2	ServletRequestListener	Ed
454	Syntax of Scriptlet Element	5	N	U	2	&lt;% code %&gt;	Ed
455	Task performed by filter is	5	N	U	2	All the above	Ed
456	The authentication mechanism in the servlet specification uses a technique called?	5	N	A	2	Role Based Authentication	Ed
457	The correct sequence of JSP life Cycle is	5	N	U	2	init(), Service(), destroy()	Ed
458	The difference between servelets and JSP is the	5	N	U	2	Syntax	Ed
459	The doGet() method extract values of the parameters type and number by using_____.	5	N	U	2	request.getParameter()	Ed
460	The following method of HttpServlet is invoked in response to HTTP POST request.	5	N	U	2	doPost()	Ed

461	The following methods belongs to the life cycle methods of the servlet.	5	N	U	2	All Of Above	Ed
462	The following program contains two errors. Identify them from the following- <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class SessionDemo extends GenericServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); String n=request.getParameter("userName"); out.print("Welcome "+n); HttpSession session=response.getSession(); session.setAttribute("uname",n); out.close(); } }</pre>	5	N	A	2	error 1: extends GenericServlet instead of HttpServlet error 2: response.getSession() instead of request.getSession()	Ed
463	The following program prints: _____ <pre>import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*; public class ClientPull extends HttpServlet { public void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException { res.setContentType("text/plain"); PrintWriter out = res.getWriter(); res.setHeader("Refresh", "10"); out.println(new Date().toString()); } }</pre>	5	N	A	2	Date	Ed
464	The <code>getAttribute(String attr)</code> returns	5	N	U	2	Returns value of the server attribute	Ed
465	The <code>getInitParameter()</code> method of <code>ServletConfig</code> interface returns _____	5	N	U	2	It returns the Initialization parameter value.	Ed
466	The <code>getSession()</code> method with 'true' as its parameter [ <code>getSession(true)</code> ] it will return the appropriate session object when	5	N	U	2	the session is existing	Ed
467	The <code>getSession()</code> method with true as its parameter [ <code>getSession(true)</code> ] it will return the appropriate session object when	5	N	U	2	the session is existing	Ed
468	The given diagram is about: Figure:- 	5	Y1	U	2	Life Cycle of Servlet	Ed
469	The <code>include()</code> method of <code>RequestDispatcher</code> _____.	5	N	A	2	sends a request to another resource like servlet, jsp or html	Ed
470	The init parameter name and value pairs that are defined in <code>web.xml</code> are handled by.	5	N	A	2	<code>ServletConfig</code> object	Ed
471	The Java _____ specification defines an application programming interface for communication between the Web server and the application program.	5	N	A	2	Servlet	Ed
472	The life cycle of a servlet is managed by _____ -	5	N	U	2	servlet container	Ed
473	The main difference between Generic Servlet and HTTP servlet is	5	N	U	2	Generic servlet is protocol platform independent & HTTP servlet having built in HTTP protocol support	Ed
474	The major difference between servlet and CGI is	5	N	A	2	Servlets are thread based and CGI is process based	Ed


475	The method getWriter returns an object of type PrintWriter This class has println methods to generate output Which of these classes define the getWriter method? Select the one correct answer	5	N	A	2	HttpServletResponse	Ed
476	The service phase of the servlet life cycle represents all interactions with requests until the servlet is .....	5	N	U	2	destroyed	Ed
477	The setAttributes(), getAttributes(), getAttributesNames() & removeAttributes() are the bindings of .....	5	N	U	2	Session	Ed
478	The Status code _____ shows "Resource Temporarily Moved"	5	N	U	2	302	Ed
479	The values of <servlet-name> and <servlet-class> in web.xml file .....	5	N	A	2	may be same	Ed
480	The _____ directive lets you provide information for the page, such as importing classes and setting up content type. The page directive can appear anywhere in the JSP file.	5	N	A	2	page	Ed
481	The _____ method on the session object is used to remove a set attribute.	5	N	A	2	removeAttribute("&quot;&quot;;attributeName&quot;");	Ed
482	These methods doGet(),doPost(),doHead(),doDelete(),deTrace() are used in?	5	N	U	2	HttpServlets	Ed
483	Through which tag you can define servlet config in web.xml?	5	N	U	2	init-param	Ed
484	To declare the variables in JSP which tag is used	5	N	U	2	Declaration Tag	Ed
485	To get the servlet environment information.	5	N	U	2	ServletConfig object is used.	Ed
486	To Send binary output in the response ,the following method of HttpServletResponse may be used to get the appropriate Writer/Stream object	5	N	U	2	getOutputStream()	Ed
487	What are the methods available in ServletContextListener interface?	5	N	U	2	contextInitialized(),contextDestroyed()	Ed
488	What are the true sentences about Session-Id?	5	N	A	2	All of these.	Ed
489	What contents are displayed by following JSP program in browser window ? <html> <head><title>Hello World</title></head> <body> Hello World!  <% out.println("Value="+2*5); %> </body> </html>	5	N	A	2	Hello World! Value=10	Ed
490	What does the below code do? Cookie cookie = new Cookie("mycookie","msbte"); response.addCookie(cookie); where response is object of HttpServletResponse	5	N	U	2	Creates a cookie with name as &quot;mycookie&quot; and value as &quot;msbte&quot; and saves it in user's machine	Ed
491	What gets printed when the following is compiled. Select the one correct answer. <% int y = 0; %> <% int z = 0; %> <% for(int x=0;x<3;x++) { %> <% z++;++y;%> <% }%> <% if(z<y) { %> <% = z%> <% } else { %> <% = z - 1%> <% }%>	5	N	A	2	3	Ed
492	What happens after execution of following code import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class cookiesDemo extends HttpServlet { private static final long serialVersionUID = 1L; protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { Cookie t=null; response.setContentType("text/html"); PrintWriter out=response.getWriter(); out.println("<HTML><BODY>"); t=new Cookie("token", null); Cookie token = null; token.setMaxAge(6); response.addCookie(token); out.println("Information collected by the Cookies: "); out.println("User Name:"+token.getValue()); out.println(")	5	N	A	2	Successfully run and display the user name.	Ed




	</HTML></BODY>"); out.close(); } }						
493	<p>What happens after execution of following code</p> <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class sessionDemo extends HttpServlet { private static final long serialVersionUID = 1L; protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw=response.getWriter(); HttpSession session=request.getSession(true); Integer count= (Integer)session.getValue("tracker.count"); if(count==null) count=new Integer(1); else count= new Integer(count.intValue()+1); session.putValue("tracker.count",count); pw.println("&lt;HTML&gt;&lt;BODY&gt; &lt;H2&gt;SESSION TRACKING DEMO&lt;/H2&gt;"); pw.println("You Have Visited This Page: "+count+"times"); pw.println("Session ID is :"+session.getId()); pw.println("&lt;/HTML&gt;&lt;/BODY&gt;"); } }</pre>	5	N	A	2	Successfully run and display visited page count , session ID.	Ed
494	<p>What is Error of following Program ?</p> <pre>import javax.servlet.*; import javax.servlet.http.*; import java.io.*; import java.util.*; public class HttpRequestDemoServlet2 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;HTML&gt;"); out.println("&lt;HEAD&gt;"); out.println("&lt;TITLE&gt;Obtaining Multi-Value Parameters&lt;/TITLE&gt;"); out.println("&lt;/HEAD&gt;"); out.println("&lt;BODY&gt;"); out.println("&lt;BR&gt;"); out.println("&lt;BR&gt;Select your favorite singer:"); out.println("&lt;BR&gt; &lt;FORM METHOD=POST&gt;"); out.println("&lt;BR&gt;&lt;INPUT TYPE=CHECKBOX " + "NAME=favoriteMusic VALUE=Alka&gt;Alka"); out.println("&lt;BR&gt;&lt;INPUT TYPE=CHECKBOX " + "NAME=favoriteMusic VALUE=Shreya&gt;Shreya"); out.println("&lt;BR&gt;&lt;INPUT TYPE=CHECKBOX " + "NAME=favoriteMusic VALUE=Sunidhi&gt;Sunidhi"); out.println("&lt;BR&gt;&lt;INPUT TYPE=CHECKBOX " + "NAME=favoriteMusic VALUE=Kavita&gt;Kavita"); out.println("&lt;BR&gt; &lt;INPUT TYPE=SUBMIT VALUE=Submit&gt;"); out.println("&lt;/FORM&gt;"); out.println("&lt;/BODY&gt;"); out.println("&lt;/HTML&gt;"); } throws ServletException, IOException { String[] values = request.getParameterValues("favoriteMusic"); response.setContentType("text/html"); PrintWriter out = response.getWriter(); if (values != null) { int length = values.length; out.println("You have selected: "); for (int i=0; i&lt;length; i++) { out.println("&lt;BR&gt; " + values[i]); } } }</pre>	5	N	A	2	public void doPost(HttpServletRequest request, HttpServletResponse response)	Ed
495	What is byte code?	5	N	U	2	machine independent code	Ed
496	What is default value of session attribute in JSP	5	N	U	2	&lt;%@ page session=&quot;true&quot; %&gt;	Ed
497	<p>what is difference between generic servlet and HTTP Servlet? 1. Generic servlet belongs to javax.servlet package where as HTTP belongs to javax.servlet.http package 2. Generic servlet implements servlet and java.io.Serializable and HTTP implements java.io.Serializable 3. Generic dependent on protocol and HTTP is does not dependent on protocol.</p>	5	N	U	2	Only 1 & 2	Ed
498	<p>What is Error in Program ?</p> <pre>import java.io.*; import javax.servlet.*; public class HelloServlet extends GenericServlet { throws ServletException, IOException { public void service(ServletRequest request, ServletResponse response)</pre>	5	N	A	2	public void service(ServletRequest request, ServletResponse response)	Ed


	<pre>response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;Hello!"); pw.close(); } }</pre>						
499	What is meaning of jar	5	N	U	2	java archived	Ed
500	What is output of program? <pre>import java.io.*; import java.util.Date; import java.util.Hashtable; import javax.servlet.*; import javax.servlet.http.*; public class DateServlet extends HttpServlet { public void service(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException { Date today = new Date(); res.setContentType("text/plain"); ServletOutputStream out = res.getOutputStream(); out.println(today.toString()); } public String getServletInfo() { return "Returns a string representation of the current time"; } }</pre>	5	N	A	2	date will be displayed	Ed
501	What is Output of following program <pre>//client &lt;html&gt; &lt;head&gt;&lt;/head&gt; &lt;body&gt;&lt;form name =sd action="http://127.0.0.1:8080/examples/servlet/sd1"&gt; Name: &lt;input type=text name="name1" value="" &gt; &lt;input type ="submit" value="login"&gt; &lt;/form&gt; &lt;/body&gt; &lt;/html&gt; //servlet import java.io.*; import java.net.*; import javax.servlet.*; import javax.servlet.http.*; public class sd1 extends HttpServlet { public void service(HttpServletRequest rq,HttpServletResponse rs)throws ServletException,IOException { rs.setContentType("text/html"); PrintWriter out=rs.getWriter(); String nm=(String)rq.getParameter("name1"); out.println("Hello "+nm); } }</pre>	5	N	A	2	Hello name inputed in text box	Ed
502	What is Servlet Jobs ?	5	N	U	2	All The Above	Ed
503	What is the difference between cookies and Httpsession?	5	N	U	2	Cookies works at clientside whereas HttpSession works at serverside.	Ed
504	What is the difference between GenericServlet and HttpServlet?	5	N	U	2	all of the above	Ed
505	What is the difference between servlet and applet? 1. Servlet execute on server, where as applet execute on browser. 2. Servlet have no GUI, where as applet has GUI. 3. Servlet create static web page where as applet create dynamic web pages. 4. Servlet can handle only one request where as applet can handle multiple request.	5	N	A	2	1,2 are correct	Ed
506	What is the limit of the data to be passed from HTML when doGet() is used?	5	N	U	2	2kb	Ed
507	What is the missing statement in the following program to get the proper output <pre>import java.io.*; import java.util.*; public class HelloWorld extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); HttpSession hp=request.getSession(true); Date create=new Date(hp.getCreationTime()); Date access=new Date(hp.getLastAccessedTime()); out.println("&lt;h1&gt;&lt;br&gt;Session is created at "+create); out.println("&lt;h1&gt;&lt;br&gt;Last access time is "+access); out.println("&lt;h1&gt;&lt;br&gt;Session id is "+hp.getId()); } }</pre>	5	N	A	2	missing Package statement	Ed
508	What is the output of program <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloWorld extends HttpServlet { private String message; public void init() throws ServletException { message = "Hello World"; } public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException{</pre>	5	N	A	2	Hello Word	Ed

	<pre>response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("&lt;h1&gt;" + message + "&lt;/h1&gt;"); } public void destroy() { } }</pre>						
509	What is the output of following program on the web page <pre>import java.util.*; import javax.servlet.*; public class HelloServlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("&lt;B&gt;Hello!"); pw.close(); } }</pre>	5	N	A	2	Hello!	Ed
510	What is the result of following code, given there already exists a header by name "TestHeader". <pre>response.addHeader("TestHeader", "TEST VALUE");</pre>	5	N	A	2	The "TEST VALUE" will be replaced by headers old value.	Ed
511	what programming language(s) or scripting language(s) does Java Server Pages(JSP) support?	5	N	A	2	Java only	Ed
512	What should we write at the place of _____ to get proper output <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class example extends _____ { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); // print out cookies String name = request.getParameter("t1"); String value = request.getParameter("t2"); Cookie c = new Cookie(name, value); response.addCookie(c); String n1 = c.getName(); String v1 = c.getValue(); out.println("&lt;h3&gt; The Name Of Cookie is:&lt;/h3&gt;" +n1); out.println("&lt;h3&gt; The Value Of Cookie is:&lt;/h3&gt;" +v1); } }</pre>	5	N	A	2	HttpServlet	Ed
513	What the getSession() method with true parameter will returned?	5	N	U	2	the session is existing	Ed
514	What the ServletContainer does?	5	N	U	2	Provides the Runtime environment for servlets.	Ed
515	What we should write at the place of _____ to get the proper output. <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class password extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = _____ out.println("&lt;html&gt;"); out.println("&lt;head&gt;"); out.println("&lt;title&gt;Hello World!&lt;/title&gt;"); out.println("&lt;/head&gt;"); out.println("&lt;body&gt;"); String a = request.getParameter("t1"); String b = request.getParameter("t2"); int a1 = a.length(); int b1 = b.length(); if(b.length()&lt;=6) { out.println("&lt;h3&gt; Welcome To Home Page&lt;h3&gt;"); } else { out.println("&lt;h3&gt;Password Should not more than 6 Character&lt;h3&gt;"); } out.println("&lt;/body&gt;"); out.println("&lt;/html&gt;"); } }</pre>	5	N	A	2	response.getWriter();	Ed
516	What will be displayed in the output? A JSP page called test.jsp is passed a parameter name in the URL using http://localhost/test.jsp?name="John".and the test.jsp file contains the following code: <pre>&lt;%! String myName=request.getParameter();%&gt; &lt;% String test="Welcome" +myName; %&gt; &lt;%= test%&gt;</pre>	5	N	U	2	The program will gives a syntax error.	Ed
517	What will be output for following program of servlet: <pre>import javax.servlet.*; public class Pract15 extends GenericServlet { public void service(ServletRequest r, ServletResponse res) throws IOException, ServletException { res.setContentType("text/html");</pre>	5	N	A	2	Compile time erroe will occur	Ed

	<pre>PrintWriter p = res.getWriter(); p.println("&lt;HTML&gt;"); p.println("&lt;HEAD&gt;HELLO &lt;/HEAD&gt;"); p.println("&lt;/HTML&gt;"); } }</pre>						
518	<pre>what will be the correct output following program. import java.io.*; import javax.servlet.*; public class H extends GenericServlet { public void service(ServletRequest req, ServletResponse res)throws ServletException, IOException { res.setContentType("text/html"); PrintWriter pw = res.getWriter(); pw.println("&lt;B&gt;Hello!!"); pw.close(); } }</pre>	5	N	A	2	Hello message is printed with bold style	Ed
519	<pre>what will be the correct output of the following program? import java.io.*; import javax.servlet.*; public class H extends GenericServlet { public void service(ServletRequest req, ServletResponse res)throws ServletException, IOException { res.setContentType("text/html"); PrintWriter pw = res.getWriter(); pw.println("&lt;H1&gt;Hello!!"); pw.close(); } }</pre>	5	N	A	2	Hello message is printed with H1 style	Ed
520	<pre>what will be the final output after Enter the valute for First &amp; Second and also click on Clac Button? import javax.servlet.*; import javax.servlet.http.*; import java.io.PrintWriter; import java.io.IOException; public class calcServlet extends HttpServlet { public void doGet(HttpServletRequest req,HttpServletResponse res)throws ServletException,IOException { PrintWriter pw=res.getWriter(); res.setContentType("text/html"); pw.println("&lt;html&gt;&lt;head&gt;&lt;title&gt;CALCULATOR&lt;/title&gt;&lt;/head&gt;"); pw.println("&lt;body&gt;"); pw.println("&lt;form method=post action=calcServlet&gt;"); pw.println("Enter first No.:"); pw.println("&lt;input type=text name=nm&gt;&lt;br&gt;"); pw.println("Enter Second No.:"); pw.println("&lt;input type=text name=r&gt;"); pw.println("&lt;input type=submit value=calc&gt;"); pw.println("&lt;/form&gt;&lt;/body&gt;&lt;/html&gt;"); pw.close(); } public void doPost(HttpServletRequest req,HttpServletResponse res)throws ServletException,IOException { String a=req.getParameter("nm"); String b=req.getParameter("r"); int c=Integer.parseInt(a); int d=Integer.parseInt(b); int e=c+d; int f=c-d; int g=c*d; PrintWriter pw=res.getWriter(); res.setContentType("text/html"); pw.println("&lt;html&gt;&lt;head&gt;&lt;title&gt;CALCULATOR&lt;/title&gt;&lt;/head&gt;"); pw.println("&lt;body&gt;"); pw.println(a+"+"+b+"="+e+"&lt;br&gt;"); pw.println(a+"-"+b+"="+f+"&lt;br&gt;"); pw.println(a+"*"+b+"="+g+"&lt;br&gt;"); int h=c/d; pw.println(a+"/"+b+"="+h+"&lt;br&gt;"); pw.println("&lt;/body&gt;&lt;/html&gt;"); pw.close(); } public void destroy() { } }</pre>	5	Y3	U	2	01	Ed
	<p>Figure:-</p> 						

521	What will be the o/p of following jsp code? <%= if (Math.random() <0.5)%> hello <%=} else { %> hi <%=}%>	5	N	U	2	The JSP file will not compile.	Ed
522	What will be the ouput of the following code. import javax.servlet.*; public class HelloServlet extends GenericServlet { public void service(ServletRequest req,ServletResponse res)throws ServletException,IOException { res.setContentType("text/html"); pw.println("<b>Hello Servlet</b>"); pw.close(); } }	5	N	A	2	display Hello Servlet with bold style	Ed
523	What will be the outpt of the Program import java.io.*; import java.util.*; import javax.servlet.*; import javax.servlet.http.*; public class session1 extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { HttpSession hs = request.getSession(true); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.print("<B>"); Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access: " + date + " "); } date = new Date(); hs.setAttribute("date", date); pw.println("Current date: " + date); } }	5	N	A	2	Display the Last Session Date and the Current Date	Ed
524	What will be the output of following program. public class DemoServlet extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { PrintWriter out = response.getWriter(); out.println("<HTML>"); out.println("<HEAD>"); out.println("<TITLE>Servlet Page</TITLE>"); out.println("</HEAD>"); out.println("<BODY>"); out.println("Welcome to the Servlet World"); out.println("</BODY>"); out.println("</HTML>"); } }	5	N	A	2	Welcome to the Servlet World	Ed
525	What will be the output of the following code snippet? <% int a=5; %> <%! int a=10; %> a = <%=a + this.a%> :: <%= this.a%>	5	N	A	2	a = 15 :: 10	Ed
526	What's the difference between servlets and applets? 1.Servlets executes on Servers, where as Applets executes on Browser 2.Servlets have no GUI, where as an Applet has GUI 3.Servlets creates static web pages, where as Applets creates dynamic web pages 4.Servlets can handle only a single request, where as Applet can handle multiple requests	5	N	U	2	1,2 are correct	Ed
527	When to use doPost Method?	5	N	U	2	all of the above	Ed
528	When using HTML forms which of the folowing is true for POST method	5	N	U	2	POST method sends data in the body of the request	Ed
529	Which Action element Includes file at time the page is requested in JSP.	5	N	A	2	jsp:include	Ed
530	Which among the below is not a method of Servlet Interface	5	N	U	2	All are methods above are of Servlet Interface	Ed
531	Which are the methods of servlet life cycle?	5	N	A	2	b)init(),service(),destroy()	Ed
532	Which are useful methods which you can use while manipulating cookies in servlet?	5	N	A	2	All of above	Ed
533	Which authentication mechanism employs a base64 encoding scheme to protect user passwords?	5	N	A	2	HTTP Basic Authentication	Ed
534	Which class provides stream to read binary data such as image etc. from the request object?	5	N	U	2	ServltInputStream	Ed
535	Which classes are present in javax.servlet.http package?	5	N	U	2	HttpServlet Cookie	Ed

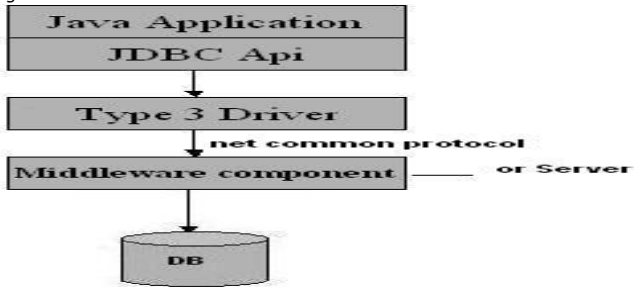
536	<p>Which Content Type used in following Program? import javax.servlet.http.*; import javax.servlet.ServletException; import java.io.PrintWriter; import java.io.IOException; public class ServiceServlet extends HttpServlet { public void service(HttpServletRequest request,HttpServletResponse response)throws ServletException,IOException { response.setContentType("text/plain"); PrintWriter out=response.getWriter(); if(request.getMethod().equals("GET")) { out.println("Request handleed by the service() method"); } else { response.setStatus(HttpServletResponse.SC_BAD_REQUEST); out.println("Method not supported by this servlet"); } out.close(); } }</p> <p>Figure:-</p> 	5	Y1	A	2	text/plain	Ed
537	Which cookie name was incorrect	5	N	U	2	&quot;Username@gmail.com&quot;	Ed
538	Which cookie it is valid for single session only; it is removed each time when user closes the browser?	5	N	U	2	Non-persistent	Ed
539	Which file will start tomcat Server?	5	N	U	2	startup.bat	Ed
540	Which import statement required for following program. public class servlet extends GenericServlet { public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); PrintWriter printwriter = response.getWriter(); printwriter.println("<B>Hello from Java!</B>"); printwriter.close(); } }	5	N	A	2	import java.io.*; import javax.servlet.*;	Ed
541	Which interfaces contained by Servlet	5	N	A	2	HttpServletRequest ,HttpServletResponse ,HttpSession, HttpSessionBindingListener	Ed
542	Which is least visibility scope for java beans In JSP	5	N	U	2	Page	Ed
543	which is not the methods of GenericServlet class	5	N	U	2	getSession()	Ed
544	Which is the Microsoft solution for providing dynamic Web content?	5	N	A	2	ASP	Ed
545	Which is the missing statement in following code to get proper output: import java.io.*; import java.util.*; public class HelloWorld extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); HttpSession hp=request.getSession(true); Date	5	N	A	2	Missing Package Statement	Ed

	create=new Date hp.getCreationTime()); Date access=new Date hp.getLastAccessedTime()); out.println("<h1> Session is created at "+create); out.println("<h1> Last access time is "+access); out.println("<h1> Session id is "+hp.getId()); } }						
546	Which JDBC driver types can be used in either applet or servlet code	5	N	U	2	type 3 and 4	Ed
547	Which JSTL code snippet can be used to perform URL rewriting?	5	N	A	2	&lt;a href='&lt;c:url value=&quot;foo.jsp&quot;/&gt;' /&gt;	Ed
548	Which mechanism is included by jsp for defining custom tags?	5	N	U	2	dynamic attributes	Ed
549	Which method is called by the servlet container to allow the servlet to respond to a request.	5	N	U	2	service()	Ed
550	Which method is used to get HttpSession object and it belongs to which object?	5	N	U	2	getSession method and HttpServletRequest	Ed
551	Which method of the request object is used to extract values of the input fields in a form when it is submitted?	5	N	A	2	getParameter()	Ed
552	Which method of the servlet is/are called several times in its life?	5	N	U	2	doPost()	Ed
553	Which method returns a servletConfig object that contains any initialization parameters?	5	N	U	2	servletConfig getServletConfig()	Ed
554	Which method returns the current session associated with this request, or if the request does not have a session, creates one?	5	N	A	2	getSession()	Ed
555	Which Method used for following output? Figure:- 	5	Y1	A	2	request.getMethod().equals("&quot;GET&quot;);	Ed
556	Which methods are used to Extract all names or value pairs from the Http request	5	N	U	2	getParameterNames() and getParameterValues()	Ed
557	Which minimum packages are required to execute this Program? public class RequestHeaderExample extends HttpServlet { public void doGet(HttpServletRequest request, HttpServletResponse response) throws IOException, ServletException { response.setContentType("text/html"); PrintWriter out = response.getWriter(); Enumeration e = request.getHeaderNames(); while (e.hasMoreElements()) { String name = (String)e.nextElement(); String value = request.getHeader(name); out.println(name + " " + value); } }	5	N	A	2	import java.io.*; import javax.servlet.*; import javax.servlet.http.*; import java.util.*;	Ed
558	Which of the following allows substitution of code to occur at the translation time in a JSP page?	5	N	A	2	&lt;@ include&gt; directive	Ed
559	Which of the following are examples of JSP directive.	5	N	U	2	include	Ed
560	Which of the following are the session tracking techniques?	5	N	A	2	URL rewriting,using session object,using cookies,using hidden fields	Ed

561	Which of the following are true for JSP technology? 1. It is persistent 2. Platform independent 3. Browser excutes the code	5	N	U	2	Both 1 and 2 above	Ed
562	Which of the following correctly represents the following JSP statement. <% x=1 >	5	N	A	2	&lt;jsp:scriptlet&gt;x=1;&lt;/jsp:scriptlet&gt;	Ed
563	Which of the following describes the correct sequence of the steps involved in executing Java Server Pages? a. Web server forwards HTTP request to JSP engine b. Browser sends HTTP request for JSP page c. servlet processes the request and produces output in HTML format which is then send as HTTP response to the web browser. d. JSP engine compiles servlet into executable class and forwards original request to servlet engine e. JSP engine loads JSP page from disk and converts it into java servlet	5	N	U	2	b-a-e-d-c	Ed
564	Which of the following is correct syntax of init() method of servlet ?	5	N	U	2	void init(ServletConfig sc) throws ServletException	Ed
565	Which of the following is legal JSP syntax to print the value of i Select the one correct answer	5	N	U	2	&lt;%int i = 1;%&gt; &lt;%= i %&gt;	Ed
566	Which of the following is not a standard method called as part of JSP life cycle	5	N	U	2	jspService()	Ed
567	Which of the following is not true for servlet?	5	N	U	2	It is single threaded	Ed
568	Which of the following is true 1)JSP is a client side technology 2)We can't do client side validation with JSP 3)JSP is dynamic scripting	5	N	A	2	2,3 are true	Ed
569	Which of the following is true about getSession(boolean flag) statement?	5	N	U	2	Both A and C are correct	Ed
570	Which of the following is true regarding TLD	5	N	A	2	All of these	Ed
571	Which of the following is used to redirect the response from a servlet to a JSP page?	5	N	A	2	response.sendRedirect()	Ed
572	Which of the following JSP variables are not available within a JSP expression. Select the one correct answer.	5	N	U	2	httpsession	Ed
573	Which of the following method is not supported by ServletRequest Interface?	5	N	U	2	void setContextLength(int size)	Ed
574	Which of the following methods are main methods in life cycle of servlet	5	N	U	2	Service()	Ed
575	Which of the following represents the XML equivalent of this statement <%@ include file="a.jsp"%> . Select the one correct statement	5	N	A	2	&lt;jsp:include page=&quot;a.jsp&quot;/&gt;	Ed
576	Which of these statements are false about GenericServlet?	5	N	U	2	Genric Servlet extends HttpServlet and override doGet() method	Ed
577	Which package needs to be imported to execute the given program public class First extends GenericServlet{ public void service(ServletRequest req,ServletResponse res) throws IOException,ServletException{ res.setContentType("text/html"); PrintWriter out=res.getWriter(); out.print("<html><body>"); out.print("<b>hello generic servlet</b>"); out.print("</body></html>"); } }	5	N	A	2	a) import java.io.*; import javax.servlet.*;	Ed
578	Which retrieves all cookies sent in a given HttpServletRequest request?	5	N	U	2	request.getCookies()	Ed
	Which Staement is missing from following code showing ***** <html><body> <H1><center>Result for <%=request.getParameter("a1")%></center></H1> <% int						



579	<pre>i=Integer.parseInt(request.getParameter("t1")); int j=Integer.parseInt(request.getParameter("t2")); int k=0; String str="*****"; if(str.equals("add")) k=i+j; if(str.equals("mul")) k=i*j; if(str.equals("div")) k=i/j; %&gt;</pre>	5	N	A	2	<code>request.getParameter("&amp;quot;a1&amp;quot;);</code>	Ed
580	<p>Which Statement have error in following code</p> <pre>import java.sql.*; import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class p155 extends Servlet{ public void service(HttpServletRequest request, HttpServletResponse response) throws IOException{ PrintWriter z=response.getWriter(); response.setContentType("text/html"); try{ String x=request.getParameter("username"); String y=request.getParameter("password"); Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection conn=DriverManager.getConnection("jdbc:odbc:kmps"); Statement stat=conn.createStatement(); ResultSets=stat.executeQuery("select * from kmps where username='"+x+"'and password='"+y+"'"); If (rs.next()==false){ z.println("&lt;html&gt;&lt;body&gt;&lt;br&gt;"); z.println("&lt; center&gt;&lt;b&gt;Authentication Failure&lt;/b&gt;"); z.println("&lt;br&gt;&lt;br&gt;"); z.println("&lt;h3&gt;Try Again&lt;/h3&gt;&lt;/center&gt;"); z.println("&lt;br&gt;&lt;br&gt;&lt;br&gt;"); z.println("&lt;/body&gt;&lt;/html&gt;"); } Else{ z.println("&lt;html&gt;&lt;body&gt;"); z.println("&lt;br&gt;&lt;br&gt;"); z.println("&lt;center&gt; &lt;b&gt;"+rs.getString("username")+"/&gt;"); z.println("&lt;h3&gt;You can Proceed&lt;/h3&gt;&lt;center&gt;"); z.println("&lt;br&gt;&lt;br&gt;&lt;br&gt;"); z.println("&lt; /body&gt;&lt;/html&gt;"); } Conn.close(); stat.close(); } Catch(Exception e){ System.out.println("The error has been occurred"+e.getMessage()); } } }</pre>	5	N	A	2	While extending Servlet	Ed
581	<p>Which statement is missing to display the image on Servlet</p> <pre>import javax.servlet.*; import java.io.*; public class image extends GenericServlet { public void service(ServletRequest req,ServletResponse res) throws ServletException,IOException { res.setContentType("image/jpeg"); PrintWriter pw=res.getWriter(); pw.println("&lt;html&gt;"); pw.println("&lt;/html&gt;"); } }</pre>	5	N	A	2	<code>pw.println("&amp;quot;&amp;lt;img src='Sunset.jpg' width=600 height=800&amp;gt;&amp;quot;);</code>	Ed
582	<p>Which statement is required instead of _____</p> <pre>&lt;html&gt; &lt;body&gt; &lt;%@ page import= _____%&gt; Today is: &lt;%= new Date() %&gt; &lt;/body&gt; &lt;/html&gt;</pre>	5	N	A	2	<code>java.util.Date</code>	Ed
583	<p>Which statement is required in order to complete the following program code?</p> <pre>import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloWorld extends HttpServlet { private String message; public void init() throws ServletException { message = "Hello World"; } public void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { response.setContentType("text/html"); out.println("&lt; h1&gt;" + message + "&lt;/h1&gt;"); } public void destroy() { // do nothing. } }</pre>	5	N	U	2	<code>PrintWriter out = response.getWriter();</code>	Ed
584	<p>Which statement should be added to get the desired result?</p> <pre>import java.servlet.*; import java.servlet.http.*; import java.io.*; public class RegisterSerlet extends HttpServlet { public void dopost(HttpServletRequest req, HttpServletResponse res) throws servletException, IOException { string f1 = res.getParameter("First"); string l1 = res.getParameter("last"); res.setContentType("text/html"); PrintWriter PW = res.getWriter(); pw.println("The Entered Name Is") pw.close() } }</pre>	5	N	A	2	<code>pw.println(f1 + "&amp;quot; &amp;quot; + l1);</code>	Ed

585	Which statements should be written in the place of dotted lines to display output "Hello World" on web browser import javax.servlet.*; import java.io.*; public class ServletDemo extends GenericServlet { public void service(ServletRequest request,ServletResponse response) { try { ..... } catch(Exception e) { System.out.println(e); } } }	5	N	A	2	PrintWriter pw=response.getWriter(); pw.println("&quot;Hello World&quot;);	Ed
586	Which statemnet of servlet counts and displays the number of times it has been accessed since the last server reboot. Figure:- 	5	Y1	U	2	PrintWriter out = res.getWriter();	Ed
587	Which statmenet is missing at place marked as ***** import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class HelloServlet extends HttpServlet { public void service(HttpServletRequest request, HttpServletResponse response) throws ServletException,IOException { response.setContentType("text/html"); ***** pw.println("<b> Hello This is first servlet program"); pw.close(); } }	5	N	A	2	PrintWriter pw = response.getWriter();	Ed
588	Which tag is used to execute java source code in JSP	5	N	U	2	Scriptlet Tag	Ed
589	Which wrong method is used in following code import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class s extends HttpServlet { protected void GenericServlet(HttpServletRequest request,HttpServletResponse response)throws ServletException,IOException { response.setContentType("text/html"); PrintWriter pw=response.getWriter(); HttpSession session=request.getSession(); String id=session.getId(); pw.println("Session Id is: "+id); } }	5	N	A	2	GenericServlet(HttpServletRequest request,HttpServletResponse response)	Ed
590	With JSP tag is used to transfer for processing another JSP page	5	N	U	2	&lt;jsp:use:include&gt;	Ed
591	write missing statement in bellow code import java.io.*; import javax.servlet.*; public class Welcome servlet extends GenericServlet { public void service(Servlet request,Servlet Response) throws ServletException,IOException { response.setContentType("text/html"); printwriter pw=response.getwriter(); pw.println("<B>WELCOME TO SERVLET!"); } }	5	N	A	2	pw.close();	Ed
592	Write the comments on following statements: 1 res.setContentType("text/html"); 2 PrintWriter pw = res.getWriter();	5	N	A	2	1.Sets the content type 2.PrintWriter object that you can use to send character text to the client.	Ed
593	Write the method in the following code for adding cookies. import java.io.*; import javax.servlet.*; import javax.servlet.http.*; public class AddCookieServlet extends HttpServlet { public void doPost(HttpServletRequest request,HttpServletResponse response) throws IOException,ServletException { String data =	5	N	A	2	addCookie	Ed

	request.getParameter("data"); Cookie cookie = new Cookie("MyCookie",data); response._____ (cookie); response.setContentType("text/html"); PrintWriter pw = response.getWriter(); pw.println("<b>My Cookie Has been set to : "); pw.println(data); pw.close(); } }						
594	You are creating a servlet that generates stock market graphs. You want to provide the web browser with precise information about the amount of data being sent in the response stream. Which HttpServletResponse methods will you use to provide this information?	5	N	A	2	response.setContentLength(numberOfBytes);	Ed
595	Your web page includes a Java SE v1.5 applet with the following declaration: <object classid='clsid:CAFEEFAC-0015-0000-0000-ABCDEFEDCBA' width='200' height='200' <param name='code' value='Applet.class' /> </object> Which HTTP method is used to retrieve the applet code?	5	N	U	2	Get	Ed
596	_____ uses doGet(),doPost(),doHead(),doDelete(),deTrace().	5	N	U	2	HttpServlet	Ed
597	_____ this package responsible for following code Date date = (Date)hs.getAttribute("date"); if(date != null) { pw.print("Last access: " + date + " "); } date = new Date();	5	N	A	2	Import java.util.*; package	Ed
598	_____ method of the request object is used to extract values of the input fields in a form when it is submitted ?	5	N	U	2	getParameter()	Ed
599	_____ are JSP code fragments embedded within <% ...%> tags.	5	N	A	2	Scriptlets	Ed
600	_____ method is used to Return the value of the Parameter named pname	5	N	U	2	getParameterName(pname)	Ed
601	.....is first phase of servlet life cycle.	5	N	U	2	initialization	Ed
602	Apache Tomcat is a _____.	5	N	U	2	Web server that is capable of running Java programs.	Ed