Advance Java MCQ Questions

1	Load the appropriate driver in following program:
	
	import java.sql.*;
	
	class exp10_2
	{
	
	public static void main(String m[])throws Exception
	
	{
	Class.forName("_____");
	Connection con=DriverManager.getConnection("jdbc:odbc:dsnname");
	Statement cmd=con.createStatement();
	cmd.executeUpdate("insert into tabel1 values(4,100,'aaaa')");
	System.out.println("db is updated");
	cmd.close();
	con.close();
	}
	}

A.	sun.jdbc.odbc.JdbcOdbcDriver
B.	sun:jdbc:odbc:JdbcOdbcDriver
C.	sun.jdbc.JdbcDriver
D.	sun.oracle.odbc.JdbcOdbcDriver
Answer	**optiona**
Marks:	**2**

2	what may be the output of following program
	
	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();
	ResultSetrs=cmd.executeQuery("select * from tabel1");
	
	while(rs.next())
	{
	System.out.println(rs.getInt(1)+""+rs.getInt(2)+""+rs.getString(3));
	}
	cmd.close();
	con.close();
	}
	}

A.	1 123 Mahesh 2 453 Suresh
B.	1 1323 1231 2 5454 4545
C.	1 mahesh 1231 2 Suresh 4545
D.	None of above
Answer	**optiona**
Marks:	**2**

3	import java.io.*;
	import java.net.*;
	
	class demo{
	  public static void main(String args[]) throws MalformedURLException{

```
        URL a=new URL("http://www.msbte.com:/index.html");
        System.out.println("port :"+a.getPort());
        }
    }
```

A.	port : 80
B.	0
C.	-1
D.	port : -1
Answer	**optiond**
Marks:	**2**

4	write the correct class names at blank space 1 and 2 :import java.net.*;
	import java.io.*;
	 public class exp8_35
	{
	 public static void main(String args[])
	  {
	      int c;
	      try
	       {
	        String s;
	        BufferedReader in=new BufferedReader(new InputStreamReader(System.in));
	        System.out.print("Enter a URL: ");
	        s=in.readLine();
	        1._____ u = new URL(s);
	        2._____ uc = u.openConnection();
	        String ty = uc.getContentType();
	        System.out.println("Type: " + ty);
	              }
	          catch(Exception ae){}
	      }}

A.	1.URL 2.URLConnection
B.	1.URLConnection 2.URL
C.	1.URL 2.OpenConnection
D.	1.openConnection 2.URL
Answer	**optiona**
Marks:	**2**

5	Write the missing statement in following program:import javax.swing.*;
	import javax.swing.event.*;
	import java.awt.*;
	import java.awt.event.*;
	public class Exp12p2 extends JFrame implements ActionListener
	{
	    String str;
	    ButtonGroup gp = new ButtonGroup();
	    JRadioButton l = new JRadioButton("Red");
	    JRadioButton lb = new JRadioButton("Green");
	    JRadioButton la = new JRadioButton("Blue");
	    Container ca = _____();
	    public Exp12p2()
	    {
	        ca.setLayout(new FlowLayout());
	        this.setSize(500,600);
	        this.add(l);
	        this.add(lb);
	        this.add(la);
	        gp.add(l);
	        gp.add(lb);
	        gp.add(la);
	        l.addActionListener(this);
	        la.addActionListener(this);
	        lb.addActionListener(this);
	        this.setVisible(true);
	    }
	    public void actionPerformed(ActionEvent ae)
	    {
	        if(ae.getSource()==l)
	        this.ca.setBackground(Color.RED);
	        else if(ae.getSource()==la)
	            this.ca.setBackground(Color.BLUE);

```
                else
                    this.ca.setBackground(Color.GREEN);
        }
        public static void main(String []a)
        {
            Exp12p2 a1=new Exp12p2();
        }
    }
```

A.	getPane()
B.	ContentPane()
C.	getContentPane()
D.	getContent()
Answer	**optionc**
Marks:	**2**

6	State whether given code is correct or not?
	`import java.awt.*;`
	`import java.awt.event.*;`
	`import java.applet.*;`
	`/* <applet code="app41.class" height=200 width=200></applet>*/`
	`public class app41 extends Frame`
	`{`
	`    public static void main(String arg[])`
	`    {`
	`        app41 obj=new app41();`
	`        obj.setSize(20,30);`
	`        obj.setVisible(true);`
	`        MenuBar mb1=new MenuBar();`
	`        obj.setMenuBar(mb1);`
	`        Menu Format=new Menu("Format");`
	`        Menu Tool=new Menu("Tool");`
	`        Menu Help=new Menu("Help");`
	`        mb1.add(Format);`
	`        mb1.add(Tool);`
	`        mb1.add(Help);`
	`        MenuItem mi1,mi2,mi3;`
	`        mi1=new MenuItem("font");`
	`        mi2=new MenuItem("ToolBar");`
	`        mi3=new MenuItem("View Help");`
	`        Format.add(mi1);`
	`        Tool.add(mi2);`
	`        Help.add(mi3);`
	`    }`
	`}`

A.	TRUE
B.	FALSE
C.	
D.	
Answer	**optiona**
Marks:	**2**

7	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);`
	`}`
	`}`

A.	It displays the frame with title BUTTON FRAME and having save Button

B.	Compilation Error
C.	Runtime error
D.	doesn't show frame
Answer	**optiond**
Marks:	**2**
8	**Which of the following method throws UnknownHostException?**
A.	getLocalHost()
B.	getByName()
C.	getAllByName()
D.	All of the above
Answer	**optiond**
Marks:	**2**
9	**Which of the following methods are needed for loading a database drivers in JDBC?**
A.	registerDriver() method
B.	Class.forName()
C.	both a and b
D.	getConnection()
Answer	**optionc**
Marks:	**2**
10	**Which are true about the Container class?**
A.	The validate() is used to cause container to be laid out & redisplayed
B.	The add() is used to add a component to a container
C.	getComponent() is used to access a component that is contained in container
D.	All of the above
Answer	**optiond**
Marks:	**2**
11	**To create a server socket on the specified port with a maximum queue length of maxlength which of the following constructor use?**
A.	ServerSocket(int port)
B.	ServerSocket(int port,int maxqueue)
C.	ServerSocket(int port,int maxqueue,InetAddress localaddress)
D.	ServerSocket(int maxqueue)
Answer	**optionc**
Marks:	**2**
12	**What the method getDate() of URLConnection class returns?**

A.	returns time and date of response in terms of millisecond

B.	returns time and date of response in terms of second

C.	returns time and date of response in terms of minute

D.	none of these

Answer	**optiona**

Marks:	**2**

13	**Which of the following is used for sending SQL statements?**

A.	Statement

B.	CallableStatement

C.	Both a and b

D.	None of these

Answer	**optiona**

Marks:	**1**

14	**In oredr to run JSP _____ is required.**

A.	Mail Server

B.	Appletviewer

C.	Java Web Server

D.	Database connection

Answer	**optionc**

Marks:	**1**

15	**How many controls are shown on Applet after executing following program** **import java.awt.*;** **import java.awt.event.*;** **import java.applet.*;** **/*** **<applet code="app2.class" height=100 width=200>** **</applet>*/** **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);** **}** **}**

A.	1

B.	2

C.	3
D.	4
Answer	**optionc**
Marks:	**2**

16	**Which method is used to perform DML statements in JDBC?**
A.	execute()
B.	executeUpdate()
C.	executeQuery()
D.	None of these
Answer	**optionb**
Marks:	**1**

17	**Which of the following class is used for establishing connection?**
A.	DriverManager
B.	Connection
C.	Statement
D.	ResultSet
Answer	**optionb**
Marks:	**1**

18	**A ScrollPane is _____**
A.	Component
B.	Container
C.	Both a and b
D.	None of these
Answer	**optionb**
Marks:	**1**

19	**Which of these packages contains all the event handling interfaces?**
A.	java.lang
B.	java.awt
C.	java.awt.event
D.	java.event
Answer	**optionc**
Marks:	**1**

20	**Which of these event is generated when the component is added or removed?**
A.	ComponentEvent

B.	ContainerEvent
C.	FocusEvent
D.	InputEvent
Answer	**optionb**
Marks:	**1**
21	**MouseEvent is subclass of which of these classes?**
A.	ComponentEvent
B.	ContainerEvent
C.	ItemEvent
D.	InputEvent
Answer	**optiond**
Marks:	**1**
22	**Name the method defined in EventObject class that returns the Object generated from the event.select the one correct answer.**
A.	getEvent()
B.	getObject()
C.	getID()
D.	getSource()
Answer	**optiond**
Marks:	**1**
23	**Which of the following is the immidiate superclass of the MenuComponent class?**
A.	Object
B.	Menu
C.	EventObject
D.	Component
Answer	**optiona**
Marks:	**1**
24	**How do you change the current layout managers for a container?**
A.	Use the setLayout method
B.	once created you can not change the current layout manager
C.	Use the setLayoutManager method
D.	Use the UpdateLayout method
Answer	**optiona**
Marks:	**1**
25	**Which TextComponent method is used to set a TextComponent to the read-only state?**

A.	Editable
B.	NonEditable
C.	setEchoChar
D.	setEditable
Answer	**optiond**
Marks:	**1**
26	**which Container use a Border Layout as their default layout?**
A.	Window
B.	Frame
C.	Dialog
D.	All of the above
Answer	**optiond**
Marks:	**1**
27	**Choose the incorrect statement.**
A.	BorderLayout b = new BorderLayout(3,4);
B.	Label name = new Label("Name:");
C.	m.setMenuBar(mbr);
D.	DefaultMutableTreeNode top = new DefaultMutableTreeNode("Options");
Answer	**optiona**
Marks:	**1**
28	**Which of these methods can be used to know the degree of adjustment made by the user?**
A.	getValue()
B.	getAdjustmentType()
C.	getAdjustmentValue()
D.	getAdjustmentAmount()
Answer	**optiona**
Marks:	**1**
29	**What does the openConnection() method of java.net.* return?**
A.	Internet Address of localhost
B.	Object of URLConnection class
C.	URL object
D.	Properties of URL
Answer	**optionb**
Marks:	**1**

30	byte[] getData() method of DatagramPacket class returns_____
A.	Internet address of localhost
B.	Socket connection with the local host
C.	Sends the packet of data contained in datagram
D.	Byte array of data contained in datagram
Answer	**optiond**
Marks:	**1**
31	**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.");** ** }** ** }** ** }**
A.	The internet address of the server
B.	The internet address of the client
C.	The internet address of the host
D.	The internet address of any other PC
Answer	**optionc**
Marks:	**1**
32	**select proper syntax for getInputStream method**
A.	InputStream getInputStream()
B.	String getInputStream()
C.	void getInputStream()
D.	InputStream getInputStream(String str[])
Answer	**optiona**
Marks:	**1**
33	**How can you retrieve information from a ResultSet?**
A.	By invoking the method get(..., String type) on the ResultSet, where type is the database type
B.	By invoking the method get(..., Type type) on the ResultSet, where Type is an object which represents a database
C.	By invoking the method getValue(...), and cast the result to the desired Java type.
D.	By invoking the special getter methods on the ResultSet: getString(...), getBoolean (...), getInt(…)
Answer	**optiond**
Marks:	**1**
34	**Choose the correct syntax for getConnection() method**

A.	`public static Connection getConnection(String url, String password) throws SQLException`
B.	`public static Connection getConnection(String name, String password) throws SQLException`
C.	`public static Connection getConnection(String url, String name, String password) throws SQLException`
D.	`public static Connection getConnection(String url, String name) throws SQLException`
Answer	**optionc**
Marks:	**1**
35	**Which class/ interface is used for an SQL statement that is executed frequently?**
A.	`Statement`
B.	`Callable statement`
C.	`PreparedStatement`
D.	`None of the above`
Answer	**optionc**
Marks:	**1**
36	**Which of the following correctly represents the following JSP statement.** **<%=x%>**
A.	`<jsp:expression=x/>`
B.	`<jsp:expression>x</jsp:expression>`
C.	`<jsp:statement>x</jsp:statement>`
D.	`<jsp:declaration>x</jsp:declaration>`
Answer	**optionb**
Marks:	**1**
37	**What is the use of panel in the program given below** **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);** **}** **}** **/*<applet code=Demo5.class width=300** **height=400>** **</applet>** ***/**
A.	`Panels contain textfields and buttons`
B.	`Panel is used to assign layout to appletviewer window`
C.	`The appletviewer window is divided into two parts using two panels  so that different layouts can be assigned to the two parts.`

D.	None of the above
Answer	**optionc**
Marks:	**2**

38	**Find the missing statement from the following program.** `import java.awt.*;` **import java.awt.event.*;** **import javax.swing.*;** **import java.applet.*;** **/*** **<applet code="ctest" width=300 height=100>** **</applet>** ***/** **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");** **}** **}**
A.	Missing semicolon
B.	Missing contentpane
C.	mising import statement
D.	Missing add statement
Answer	**optiond**
Marks:	**2**

39	**What will be the output of the program given below** `import java.awt.*;` **import java.applet.*;** **import java.awt.event.*;** **/*<applet code = sample4.class width = 400 height = 400></applet>*/** **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<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);** **}** **}**
A.	The output will display the string "Advanced Java Programming" in appletviewer window.
B.	The output will display the string "Advanced Java Programming" in appletviewer window. The size of the string will increase by two
C.	None of the above
D.	The program will not compile.

Answer	**optionb**
Marks:	**2**
40	**Select the correct combination**
A.	Button - ItemEvent Checkbox - adjustmentEve
B.	Button - AdjustmentEvent Checkbox - ItemEvent
C.	Button - ActionEvent Checkbox - ItemEvent
D.	Button - MouseEvent Checkbox - ActionEvent
Answer	**optionc**
Marks:	**2**
41	**Select the correct code for the output shown**
| A. | ```java
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("a",true);
Checkbox c1=new Checkbox("b",true);
add(tf);
add(t1);
add(c);
add(c1);
}
``` |
| B. | ```java
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("a",false);
Checkbox c1=new Checkbox("b",false);
add(tf);
add(t1);
add(c);
add(c1);
}
}
``` |
| C. | ```java
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("a",true);
Checkbox c1=new Checkbox("b",false);
add(tf);
add(t1);
add(c);
add(c1);
}
``` |
D.	None of the above
Answer	**optionc**
Marks:	**2**
42	**Which of the following is not a factory method of InetAddress class**
A.	static InetAddress getLocalHost() throws UnknownHostException

B.	static InetAddress getByName() throws UnknownHostException
C.	static InetAddress getAllByName() throws UnknownHostException
D.	static InetAddress getAllLocalHost() throws UnknownHostException
Answer	**optiond**
Marks:	**2**
43	**IPv6 uses _____**
A.	Four groups of 8 bits each
B.	Four groups of eight hexadecimal digits
C.	Eight groups of four digits each
D.	Eight groups of four hexadecimal digits each
Answer	**optiond**
Marks:	**2**
44	**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**
A.	a-b-c-d-e
B.	d-a-e-b-c
C.	e-d-c-b-a
D.	d-a-c-b-e
Answer	**optionb**
Marks:	**2**
45	**Identify correct syntax of service() method of servlet class**
A.	void service(ServletRequest req, ServletResponse res)
B.	void service(ServletResponse res ServletRequest req)
C.	void service(ServletRequest req, ServletRequest req)
D.	void service(ServletResponse req, ServletResponse res)
Answer	**optiona**
Marks:	**2**
46	**Observe the image shown below.** **Which AWT component will the image as shown**
A.	ComboBox
B.	Checkbox
C.	CheckboxGroup
D.	None of the above
Answer	**optionc**

Marks:	2
47	**To get the actual character of (" ?")of password textbox which method is used in given below output?**
A.	setText('?')
B.	getText()
C.	getEchoChar('?')
D.	setEchoChar('?')
Answer	**optionb**
Marks:	2
48	**How to add image on button**
A.	ImageIcon ii = new ImageIcon("India.gif"); JButton Jb= new JButton("ok",ii);
B.	ImageIcon i = new ImageIcon("India.gif"); JLabelJb= new JLabel("ok",ii);
C.	Button b= new Button ('.gif");
D.	JButton b1= new JButton ("Exit",".jpeg);
Answer	**optiona**
Marks:	2
49	**Identify the layout of the image .**
A.	Card Layout
B.	Box ayout
C.	Border Layout
D.	Grid Layout
Answer	**optionc**
Marks:	2

50	**The following program will increase the font size of a given string by 2 point with every mouse click(max 10 clicks). Select the m statement and indicate where the statement should be added. 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<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);

	}
	}
A.	addMouseMotionListener(this); in the init() method
B.	addMouseMotionListener(this); outside the init() method
C.	addMouseListener(this); outside the init() method
D.	addMouseListener(this); inside the init() method
Answer	**optiond**
Marks:	**2**

51

```
The following program contains some errors. Select the correct option to indicate them.
import java.awt.*;
import java.awt.event.*;
import java.applet.*;                                              /*<applet code="exp.class" heig
width=300>
</applet>*/
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);
}
}
```

A.	Missing Listener Statement
B.	Incorrect Listener method
C.	Incorrect declaration of Variables
D.	None of the above
Answer	**optionb**
Marks:	**2**

52 1. Choose the correct option to establish a connection to database named student and display its contents.

| A. | ```
     import java.sql.*;
     class OracleCon{
     public static void main(String args[])throws Exception
     {
      try{

      Class.forName("oracle.jdbc.JdbcOdbcDriver");


      Connection con=DriverManager.getConnection(
      "jdbc:oracle:thin:@localhost:1521:xe","system","oracle");


      Statement stmt=con.createStatement();


      ResultSet rs=stmt.executeQuery("select * from student");
      while(rs.next())
      System.out.println(rs.getInt(1)+"  "+rs.getString(2)+"  "+rs.getString(3));
``` |

| | ```
          con.close();

          }
          catch(Exception e)
          {
                System.out.println(e);
          }

          }
          }
``` |
| B. | `static InetAddress[ ] getAllByName(String hostName)` |
| C. | ```
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();
  Result rs=s.executeQuery("Insert into table STUDENT");
}
``` |
| D. | ```
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"," "," ");
 ResultSet rs=s.executeQuery("select * from stud");
}
``` |
Answer	**optiona**
Marks:	**2**
53	**Choose the correct syntax of creating query to read records with salary > 10000**
A.	`select record from employee where salary >10000`
B.	`select *** from employee where salary >10000`
C.	`select * from employee where salary >10000`
D.	`select record  * from employee where salary >10000`
Answer	**optionc**
Marks:	**2**
54	**What is the return value from** **stmt.executeQuery("insert into T values (100, 'Smith')")**
A.	`An int value indicating how many rows are effected from the invocation`
B.	`void`
C.	`An object that contains the status of the execution`
D.	`ResultSet object`
Answer	**optiond**
Marks:	**2**
55	**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()
Answer	**optionb**
Marks:	**1**
56	**To create window with title bar which of the following class is used?**
A.	Frame
B.	Applet
C.	Panel
D.	None of these
Answer	**optiona**
Marks:	**1**
57	**Which class of java.net package can be used to find the host name and IP address of the client.**
A.	The Socket class
B.	The serverSocket class
C.	The Connection Interface
D.	The InetAddress class
Answer	**optiond**
Marks:	**1**
58	**JDBC is a --------------------- interface, which means that it is used to invoke SQL commands directly.**
A.	low level
B.	middle level
C.	high level
D.	user
Answer	**optiona**
Marks:	**1**
59	**ODBC minimum SQL grammar contains**
A.	stored procedure
B.	date ,time and time stamp only
C.	CREATE or Drop view
D.	INSERT, UPDATE ,DELETE ONLY
Answer	**optiond**
Marks:	**1**
60	**Which metod allows the client to send data of unlimited length to the web pageserver a single time.**
A.	doGet()
B.	doPost()

C.	doPut()
D.	doHead()
Answer	**optionb**
Marks:	**1**

61	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();
	
	 }

A.	None
B.	MyFrame()
C.	public static void main(String[] args)
D.	import javax.swing
Answer	**optionc**
Marks:	**2**
62	Which statement allows the button named click to react to a mouse click?
A.	click.ActionListener(this)
B.	click.ActionListener()
C.	click.addActionListener(this)
D.	click.addActionListener()
Answer	**optionc**
Marks:	**2**
63	To access the URLConnection Class object which of the transfer protocol is used?
A.	ftp
B.	URL
C.	http
D.	None Of The Above
Answer	**optionc**
Marks:	**2**
64	The service phase of the servlet life cycle represents all interactions with requests until the servlet is ....
A.	created
B.	running
C.	initiated
D.	destroyed

Answer	**optiond**
Marks:	**2**
65	An Applet has its Layout Manager set to the default of FlowLayout. What code would be the correct to change to another Layout Mana
A.	setLayoutManager(new GridLayout());
B.	setLayout(new GridLayout(2,2));
C.	setGridLayout(2,2);
D.	setBorderLayout();
Answer	**optionb**
Marks:	**2**

66	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);
	}
	}

A.	mbr.add(view);
B.	mbr.add(menu);
C.	mbr.add(vieweditmenu);
D.	mbr.add(viewmenu);
Answer	**optiond**
Marks:	**2**
67	Some of the event listener interfaces are_____
A.	ActionListener, ComponentListener
B.	ContainerListener, FocusListener
C.	WindowListener, MouseListener
D.	All of these
Answer	**optiond**
Marks:	**2**

68	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\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");
}

 }

}
```

A.	`st.createStatement( )`
B.	`st.executeUpdate()`
C.	`st.executeQuery()`
D.	`res.executeQuery()`
Answer	**optionc**
Marks:	**2**

69	Choose missing statements in following code from given options.
	`import java.io.*;`
	`import javax.servlet.*;`
	`import javax.servlet.http.*;`
	
	`public class MyServlet extends HttpServlet {`
	
	`    public void doGet(HttpServletRequest request,`
	`        HttpServletResponse response)`
	
	`    {`
	`        response.setContentType("text/html");`
	`        PrintWriter out = response.getWriter();`
	
	`        out.println("<HTML>");`
	`        out.println("<HEAD>");`
	`        out.println("<TITLE>");`
	`        out.println("Servlet");`
	`        out.println("</TITLE>");`
	`        out.println("</HEAD>");`
	`        out.println("<BODY>");`
	`        out.println("<H1>Hello servlet</H1>");`
	`        out.println("</BODY>");`
	`        out.println("</HTML>");`
	`    }`
	`}`

A.	`throws IOException, ServletException`
B.	`class can not be declared as public`
C.	`Syntax of init method is wrong`
D.	`noe`
Answer	**optiona**
Marks:	**2**

70	**Choose the correct syntax of directive**

A.	`<%@ directive_name %>`
B.	`<% directive_name %>`
C.	`<%@ directive_name @%>`
D.	None
Answer	**optiona**
Marks:	1
71	The Java _____ specification defines an application programming interface for communication between the Web server and the application program.
A.	Servlet
B.	Server
C.	Program
D.	Randomize
Answer	**optiona**
Marks:	2
72	Which componant canot be added to a container?
A.	JPanel
B.	JButton
C.	JComponent
D.	JFrame
Answer	**optiond**
Marks:	1
73	Which of the following are not swing componant?
A.	Button
B.	Textfield
C.	Jcomponant
D.	both a & b
Answer	**optiond**
Marks:	1
74	Which of the following is not true about TCP Socket?
A.	Socket is inteface between application layer and transport layer
B.	Socket resembles electrical socket
C.	There is socket at both server and client side.
D.	Socket is not used to create connection between client and server
Answer	**optiond**
Marks:	1

75	UDP is not _____oriented protocol.
A.	Connection
B.	Connectionless
C.	string
D.	message
Answer	**optiona**
Marks:	**1**
76	What is bytecode?
A.	jave source code
B.	Machine Independent code
C.	Machine specific code
D.	None of these
Answer	**optionb**
Marks:	**1**
77	Which is componant in AWT which contain another componant?
A.	Window
B.	Panel
C.	Frame
D.	Container
Answer	**optiond**
Marks:	**2**
78	The _____ interface handles list event?
A.	ContainerListener
B.	ItemListener
C.	ActionListener
D.	FocusListener
Answer	**optionb**
Marks:	**2**
79	Java.net package consist of interface_____
A.	ContentHandlerFactory
B.	SocketImplFactory
C.	FileNameMap and URLStreamHandlerFactory.
D.	All of above
Answer	**optiond**

Marks:	2
80	………………….method of datagram packet is used to find the port number.
A.	port()
B.	getPort()
C.	GetPort()
D.	findPort()
Answer	**optionb**
Marks:	2
81	………....is first phase of servlet life cycle.
A.	intitialization
B.	Service
C.	Destruction
D.	Non of thsese
Answer	**optiona**
Marks:	2
82	To creat panel of borderlayout use_____
A.	Jpanel p=new Jpanel()
B.	Jpanel p=new Jpanel(BorderLayout())
C.	Jpanel p=new Jpanel(new BorderLayout())
D.	Jpanel p=new Jpanel().setLayout(new BorderLayout())
Answer	**optionc**
Marks:	2
83	_____method can be used to change location of event
A.	ChangePoint()
B.	TranslatePoint()
C.	ChangeCoordinates()
D.	TranslateCoordinates()
Answer	**optionb**
Marks:	2
84	_____is used to obtained the object that generate Window event
A.	getMethod()
B.	getWindow()
C.	getWindowEvent()
D.	getWindowObject()

Answer	**optionb**
Marks:	**2**

85	**An event is generated when internal stae of event source is_____**
A.	Not change
B.	changed
C.	Either change or not
D.	None of these
Answer	**optionb**
Marks:	**2**

86	**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();** **}** **}**
A.	java.net
B.	java.sql.*
C.	java.oracle.*
D.	java.util
Answer	**optionb**
Marks:	**2**

87	**Which one method is used to set the visibility of the frame?**
A.	setVisible(true)
B.	setVisible()
C.	setVisible(false)
D.	none
Answer	**optiona**
Marks:	**1**

88	**Which are various AWT controls from following?**
A.	Labels, Push buttons, Check boxes, Choice lists.
B.	Text components, Threads, Strings, Servelts, Vectors
C.	Labels, Strings, JSP, Netbeans, Sockets

D.	Push buttons, Servelts, Notepad, JSP
Answer	**optiona**
Marks:	**1**
89	**JPanel and Applet use _____ as their default layout**
A.	FlowLayout
B.	GridLayout
C.	BorderLayout
D.	GridBagLayout
Answer	**optiona**
Marks:	**1**
90	**Which of the following component class cannot be add on applet**
A.	Button
B.	Checkbox
C.	Menu
D.	ScrollBar
Answer	**optionc**
Marks:	**1**
91	**Which of these method cannot be called on JLabel object?**
A.	setIcon()
B.	getText()
C.	setLabel()
D.	setBorderLayout()
Answer	**optiond**
Marks:	**1**
92	**Which of these events is generated when the a window is closed?**
A.	TextEvent
B.	MouseEvent
C.	FocusEvent
D.	WindowEvent
Answer	**optiond**
Marks:	**1**
93	**Which of these package contains classes and interfaces for networking?**
A.	java.io
B.	java.util

C.	java.net
D.	java.network
Answer	**optionc**
Marks:	**1**
94	**The JDBC -ODBC Bridge is_____**
A.	Multithreaded
B.	Singlethreaded
C.	Both of above
D.	None of above
Answer	**optiona**
Marks:	**1**
95	**What JSP Stands for_____**
A.	Java server pages
B.	a.Java server programming
C.	a.Java service programming
D.	a.Java servvice pages
Answer	**optiona**
Marks:	**1**
96	**The Jtable used to display data in form of?**
A.	JTable object displays columns of data
B.	JTable object displays rows and columns of data.
C.	JTable object displays rows of data.
D.	JTable object displays data in Tree form.
Answer	**optionb**
Marks:	**2**
97	**Which method is used to display icon on a Button?**
A.	rollOverIcon(ImageIcon i)
B.	setIcon(ImageIcon i)
C.	displayIcon(ImageIcon i)
D.	removeIcon (ImageIconi)
Answer	**optionb**
Marks:	**2**
98	**4.To create a Following output which control is required.**
A.	Label, TextField, Button

B.	Label, Button
C.	Label, Button ,CheckBox
D.	2 Label, 1 Button
Answer	**optiond**
Marks:	**2**
99	**_____returns the time at which event took place**
A.	getType()
B.	getSource()
C.	getEventType()
D.	getWhen()
Answer	**optiond**
Marks:	**2**
100	**Which Exception is thrown by DatagramSocket class constructor**
A.	IoException
B.	UnkownHostException
C.	SocketException
D.	None of above
Answer	**optionc**
Marks:	**2**
101	**Select the proper method to retrieve the host name and IP Address of local machine**
A.	static InetAddress getLocalHost( )throws UnknownHostException
B.	static InetAddress getByName(String hostName)throws UnknownHostException WQ
C.	string getHostAddress()
D.	static InetAddress[ ] getAllByName(String hostname) throws UnknownHostException
Answer	**optiona**
Marks:	**2**
102	**How will JDBC help the programmers to write java applications that manage programming activities:**
A.	It helps us to connect to a data source, like a database.
B.	It helps us in sending queries and updating statements to the database
C.	Retrieving and processing the results received from the database in terms of answering to your query.
D.	All of Above
Answer	**optiond**
Marks:	**2**
103	**ReslutSetMetaData Interface Object created by _____ method, of _____ interface**

A.	getMetaData(), ResultSet
B.	getMetaData(), Statement interface
C.	getResultSet(), PreparedStatement interface
D.	getMetaData(), DatabaseMetaData interface
Answer	**optiona**
Marks:	**2**
104	**getConnection() method have which parameters: _____**
A.	URL -JdbclOdbc:DSN ,String Username, String Password
B.	URL -OdbclJdbc:DSN
C.	Both A and B
D.	None of Above
Answer	**optiona**
Marks:	**1**
105	**3.What servlet processor was developed by Apache Foundation and Sun?**
A.	Apache Tomcat
B.	Apache Web server
C.	Sun servlet processor
D.	None of the above is correct.
Answer	**optiona**
Marks:	**2**
106	**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);** **}** **}**
A.	javac combodemo11.java
B.	java combodemo11
C.	appletviewer combodemo11.java
D.	All of above
Answer	**optionc**

Marks:	2

| 107 | Which line of code is missing in following code
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 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);
}
} |

A.	public void keyShow(KeyEvent e)
	{
	   showStatus("Key up");
	}

B.	public void keyReleased(KeyEvent e)
	{
	   showStatus("Key up");
	}

C.	public void keyMoved(KeyEvent e)
	{
	   showStatus("Key up");
	}

D.	None of this

Answer	**optionb**

Marks:	2

| 108 | For the following code select the method that can be used to handle event.
importjava.awt.event.*;
import java.awt.*;
importjava.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>*/ |

A.	actionPerformed(ActionEvent ae)

B.	itemStateChanged(ActionEvent ie)

C.	itemStateChanged(ItemEvent ie)
D.	adjustmentPerformed(AdjustmentEvent ae)
Answer	**optionc**
Marks:	**2**
109	**Which Event is /are handdled on List Component**
A.	ItemEvent
B.	ActionEvent
C.	Both A and B
D.	Any of one depends on single click and double click
Answer	**optiond**
Marks:	**2**

110	**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());
	   }
	}

A.	Compile time error
B.	Run time error
C.	Compile and at runtime the date and time of each click will be output
D.	Compile and at runtime a timestamp will be output for each click
Answer	**optiona**
Marks:	**2**
111	**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());
        }
        }
```

A.	There should ItemListener implemented instead of ActionListener
B.	Container c=getContentPane();
C.	Both A and B
D.	None of Above
Answer	**optionb**
Marks:	**2**

112	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());
	    }
	}

A.	Exception type is wrong.
B.	Class should not be public.
C.	Creation of object is not correct.
D.	Use of created object not correct
Answer	**optiond**
Marks:	**2**

113	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)
	    {}
	  }
	  }

A.	InetAddress ad=InetAddress.getByName("localhost");
B.	URL ad=InetAddress.getByName();
C.	URLConnection ad=InetAddress.getByName();
D.	InetAddress ad=getByName();
Answer	**optiona**
Marks:	**2**

114	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);
}
}
}
```

A.	package import
B.	Import Package and catch() Statement
C.	catch() Statement
D.	none of above
Answer	**optionb**
Marks:	**2**

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)
throwsServletException, 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();
}
}
```

115

A.	new Cookie("MyCookie", dat;
B.	new Cookie("MyCookie", data);
C.	new Cookie("MyCookie", data2);
D.	new Cookie("MyCookie", database);
Answer	**optionb**
Marks:	**2**

116	_____this packege responssible for following code `Date date = (Date)hs.getAttribute("date");` `if(date != null) {` `pw.print("Last access: " + date + " ");` `}` `date = new Date();`
A.	Import java.awt.*; package
B.	Import java.util.*; package
C.	Import java.Date.*; package
D.	Import java.awt.event.*; package
Answer	**optionb**
Marks:	**2**
117	**Which Statement have error in following code** `importjava.sql.*;` `import java.io.*;` `importjavax.servlet.*;` `importjavax.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();` `ResultSetrs=stat.executeQuery("select * from kmps where username="'+x+"'and password="'+y+"');` `If (rs.next()==false){` `z.println("<html><body> ");` `z.println("<center><b>Authentication Failure</b>");` `z.println("  ");` `z.println("<h3>Try Again</h3></center>");` `z.println("   ");` `z.println("</body></html>");` `}` `Else{` `z.println("<html><body>");` `z.println("  ");` `z.println("<center><b>"+"Hello"+rs.getString("username")+"</b>");` `z.println("<h3>You can Proceed</h3><center>");` `z.println("   ");` `z.println("</body></html>");` `}` `Conn.close();` `stat.close();` `}` `Catch(Exception e){` `System.out.println("The error has been occurred"+e.getMessage());` `}` `}` `}`
A.	While Creating Connection object
B.	While setting the content type
C.	While extending Servlet
D.	None of above
Answer	**optionc**
Marks:	**2**
118	**On which side applet always executed?**
A.	Server side
B.	Client side
C.	Both

D.	None
Answer	**optionb**
Marks:	**1**
119	**Font class is available in _____**
A.	java.io package
B.	java.lang package
C.	java.awt package
D.	java.util package
Answer	**optionc**
Marks:	**1**
120	**Which layout example is this?**
A.	BorderLayout
B.	FlowLayout
C.	Grid layout
D.	CardLayout
Answer	**optionb**
Marks:	**2**
121	**Which of these is a protocol for breaking and sending packets to an address across a network?**
A.	TCIP/IP
B.	b) DNS
C.	c) Socket
D.	d) Proxy Server
Answer	**optiona**
Marks:	**2**
122	**which interfaces provide methods for batch processing in JDBC**
A.	java.sql.Statement
B.	java.sql.PreparedStatement
C.	Both A & B
D.	None of the above
Answer	**optionc**
Marks:	**2**
123	**Which of these statements are false about GenericServlet?**
A.	Generic Servlet is an abtract class
B.	A GenericServlet has a service() method to handle requests.

C.	Genric Servlet extends HttpServlet and override doGet() method
D.	Generic servlet implements Servlet Interface and over-rides life-cycle method
Answer	**optionc**
Marks:	**2**

124	For the following code select the method that can be used to handle event.
	importjava.awt.event.*;
	import java.awt.*;
	importjava.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);
	}
	}
	/*<applet code=checkbackg.class height=150 width=150>
	</applet>*/

A.	A. actionPerformed(ActionEvent ae)
B.	B. itemStateChanged(ActionEvent ie)
C.	C. itemStateChanged(ItemEvent ie)
D.	D. adjustmentPerformed(AdjustmentEvent ae)
Answer	**optionc**
Marks:	**2**

125	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 _____
	{
	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=_____;
	bg.add(b1);
	bg.add(b2);
	bg.add(b3);
	}
	public voidactionPerformed(ActionEvent e){
	setBackground(e.getActionCommand());
	}
	}

A.	ActionListener, new ButtonGroup();
B.	Container c=getContentPane();

C.	Both A and B
D.	ItemListener, new Button();
Answer	**optionc**
Marks:	**2**

| 126 | ```
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? |
|---|---|
| A. | A. Display Record |
| B. | B. create connection |
| C. | C. prepare the statement object |
| D. | D. none of the above |
| Answer | **optiond** |
| Marks: | **2** |

| 127 | **Select the correct option for fill in the blank**
```
import java.sql.*;
class data
{
 public static void 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);
}
}
}
``` |
|---|---|
A.	DSN name and con.callableStatement();
B.	DSN name and con.createStatement();
C.	Table name and con.preparedStatement();
D.	DNS name and con.createStatement();
Answer	**optionb**
Marks:	**2**

| 128 | **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");

_____
}
``` |
|---|---|

A.	`PreparedStatement ps=con.prepareStatement("Select * from table1");`
B.	`PrepareStatement ps=con.preparedCall();`
C.	`Prepare ps=con.preparedCall("Select * from table1");`
D.	`PreparedCall ps=con.preparedStatement("Select * from table1");`
Answer	**optiona**
Marks:	**2**

129	**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();`
	`}`
	`}`

A.	while createing connection object
B.	while creating Driver object
C.	While registering Driver
D.	none of this
Answer	**optionb**
Marks:	**2**
130	**Which are the Alignment Constant of Label ?**
A.	`Label.LEFT`
B.	`Label.RIGHT`
C.	`Label.CENTER`
D.	All The Above
Answer	**optiond**
Marks:	**1**
131	**What are the TextCompoent ?**
A.	ListBox ,CheckBox
B.	TextBox , List
C.	TextField , TextArea
D.	Choice ,Text
Answer	**optionc**
Marks:	**1**
132	**What Are The Types of Dialogbox ?**
A.	modal DialogBox
B.	modal and Modeless Dialogbox

C.	Modem
D.	None of the above
Answer	**optionb**
Marks:	**1**
133	**How To Apply Image To Button ?**
A.	Using Label
B.	Using ImageIcon
C.	Using Text
D.	Using SrollBar
Answer	**optionb**
Marks:	**1**
134	**ActionEvent Class is used for Which Control ?**
A.	Button , List ,MenuItem
B.	CheckBox
C.	RadioButton
D.	ScrollBar
Answer	**optiona**
Marks:	**1**
135	**Which of the following method is used to return the mouse co-ordinates?**
A.	getX () ,getY()
B.	GETXY ()
C.	get ()
D.	get xz()
Answer	**optiona**
Marks:	**1**
136	**Which integer constants are defined by WindowEvent?**
A.	WINDOW_ACTIVATED
B.	WINDOW_CLOSING
C.	WINDOW_DEACTIVATED
D.	All The Above
Answer	**optiond**
Marks:	**1**
137	**Native – protocol pure Java converts ……….. in to the ………… used by DBMSs directly.**
A.	JDBC calls, network protocol

B.	ODBC class, network protocol
C.	ODBC class, user call
D.	JDBC calls, user call
Answer	**optiona**
Marks:	**1**
138	**What is use of GridLayout Manager ?**
A.	lays out components in a two-dimensional grid
B.	four sides are referred to as north, south, east, and west
C.	ListBox ,CheckBox
D.	CheckBox
Answer	**optiona**
Marks:	**2**

139	**Select the missing statement in given code** import java.awt.*;
	
	``java
	import java.awt.event.*;
	import java.applet.*;
	/*
	<applet code="ChoiceDemo" width=300 height=180> </applet>
	*/
	
	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);
	}
	}
	``

A.	```java
	browser.add("Netscape 3.x");
	browser.add("Netscape 4.x");
	browser.add("Netscape 5.x");
	browser.add("Netscape 6.x");
	``

| B. | ```
os  = new Choice();
browser  = new Choice();
``` |
| C. | ```
os.addItemListener(this);
browser.addItemListener(this);
``` |
| D. | ```
os.add("Windows  98/XP");
os.add("Windows NT/2000");
``` |
| Answer | **optionb** |
| Marks: | **2** |
| 140 | ```
Select the Missing Statment  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);
}
}
``` |
| A. | ```
yes.addActionListener(this);
 no.addActionListener(this);
 maybe.addActionListener(this);
``` |
| B. | ```
yes  = new Button("Yes");
no  = new Button("No");
maybe  = new Button("Undecided");
``` |
| C. | ```
add(yes);
add(no);
add(maybe);
``` |
| D. | ```
if(str.equals("Yes"))  {
msg  = "You pressed Yes.";
}
else if(str.equals("No"))  {
 msg  = "You pressed No.";
``` |
Answer	**optionc**
Marks:	**2**
141	**What is the proper constructor of serversocket**
A.	ServerSocket(int port)
B.	ServerSocket(int port, int maxQueue)

C.	ServerSocket(int port, int maxQueue, InetAddress localAddress)
D.	All The Above
Answer	**optiond**
Marks:	**2**
142	**What is proper method to retrieve the host name of local machine**
A.	static InetAddressgetLocalHost( )throws UnknownHostException
B.	static InetAddressgetByName(String hostName)throws UnknownHostException
C.	static InetAddress[ ] getAllByName(String hostname throws UnknownHostException
D.	string getHostAddress()
Answer	**optiona**
Marks:	**2**
143	**What is Servlet Job ?**
A.	Read explicit data sent by client
B.	Generate the results
C.	Send the explicit data back to client
D.	All The Above
Answer	**optiond**
Marks:	**2**
144	**Select the proper command to run the following code** **import java.awt.*;** **import java.applet.*;** **/*** **<applet code="TextFieldDemo" width=380 height=150> </applet>** ***/** **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)** **{** **}** **}**
A.	Javac TextFieldDemo.java
B.	java TextFieldDemo
C.	appletviewer TextFieldDemo.java
D.	All of above
Answer	**optionc**
Marks:	**2**
145	**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\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();
}
(Exception e){   }
}
}
```

A.	Missing semicolon
B.	Missing Curly Bracket
C.	Missing statement. Try catch
D.	All the Above
Answer	**optiond**
Marks:	**2**

146	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();`
	`}`
	`catch(Exception e){   }`
	`}`
	`}`

A.	Error in close()
B.	Error in connection statement
C.	Error in loop
D.	Error in main()
Answer	**optiond**
Marks:	**2**
147	**What is Error in Program ?**

```
import java.io.*;
import javax.servlet.*;

public class HelloServlet extends GenericServlet  {


throws ServletException, IOException  {
 response.setContentType("text/html");
 PrintWriter pw  = response.getWriter();
pw.println("<B>Hello!");
pw.close();
}
}
```

A.	public void service(ServletRequest request, ServletResponse response)
B.	public void service(ServletRequest response)
C.	public void (ServletRequest request, ServletResponse response)
D.	public void service()
Answer	**optiona**
Marks:	**2**
148	**Which object can be constructed to show and select any number of choices in the visible window?**
A.	label
B.	Choice
C.	List
D.	Checkbox
Answer	**optionc**
Marks:	**1**
149	**Which of these methods can be used to obtain the reference to the container that generated a ContainerEvent?**
A.	getContainer()
B.	getContainerCommand()
C.	getActionEvent()
D.	getContainerEvent()
Answer	**optiona**
Marks:	**1**
150	**Panel is used for _____ components**
A.	Grouping
B.	Modifying
C.	Creating
D.	Deleting
Answer	**optiona**
Marks:	**1**
151	**Applet Container is used to prepare _____output window.**

A.	Graphical
B.	User Interface
C.	Both a and b
D.	None of these
Answer	**optionc**
Marks:	**1**
152	**Which of these methods is used to know the type of content used in the URL?**
A.	ContentType()
B.	contentType()
C.	getContentType()
D.	GetContentType()
Answer	**optionc**
Marks:	**1**
153	**The_____ is the language for interacting with Database.**
A.	Java
B.	Java Script
C.	Servlet
D.	Structured Query Language(SQL)
Answer	**optiond**
Marks:	**1**
154	**The _____ interface Provides various methods for getting information about Database.**
A.	Statement
B.	DatabaseMetaData
C.	Connection
D.	PrepareStatment
Answer	**optionb**
Marks:	**1**
155	**To execute SQL query which method is used.**
A.	execute()
B.	executeQuery()
C.	executeUpdate()
D.	All of these
Answer	**optiond**
Marks:	**1**

156	Find missing Lines in following Program.

```java
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);
}

}

/*
<applet code =ex7 width =500 height =500>
</applet>
*/
```

A.	`public void keyTyped(KeyEvent k)`
	`{`
	` msg+=k.getKeyChar();`
	` repaint();`
	`}`

B.	`public void keyTyped(KeyEvent k)`
	`{`
	`   repaint();`
	`}`

C.	`public void keyTyped(KeyEvent k)`
	`{`
	` msg+=k.getKeyChar();`
	`}`

D.	`public void keyTyped()`
	`{`
	`   repaint();`
	`}`

Answer	**optiona**

Marks:	**2**

157	What is output of the following Program

```java
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());
            }
        }
```

A.	html

B.	text
C.	text/html
D.	html/text
Answer	**optionc**
Marks:	**2**

| 158 | ```
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");
  }

 }

}
``` |
|---|---|

A.	Connection con=DriverManager.getConnection(url);
B.	Connection con=DriverManager.getConnection();
C.	Connection con=Connection.getConnection(url);
D.	Connection con=DriverManager.getConnect(url);
Answer	**optiona**
Marks:	**2**

159	Find Correction in following statment to prepare prepareStatment Object. PreparedStatement pstmt; String query = "select deptno, deptloc from dept where deptno > ? AND deptname=?"; rs = pstmt.executeQuery();

A.	pstmt = con.prepareStatement(query); pstmt.setString(1, 1001); pstmt.setString(2,"Pune");
B.	pstmt = con.prepareStatement(query); pstmt.setInt(1, 1001); pstmt.setString(2,"Pune");
C.	pstmt = con.prepareStatement(query); pstmt.setParameter(1, 1001); pstmt.setParameter(2,"Pune");
D.	pstmt = con.prepareStatement(query); pstmt.setValue(1, 1001); pstmt.setValue(2,"Pune");
Answer	**optionb**
Marks:	**2**

160	**In which file do we define a servlet mapping?**
A.	web.xml
B.	servlet.mappings

C.	`servlet.xml`
D.	`servlet,java`
Answer	**optiona**
Marks:	**2**
161	**Abstract Methods of MouseMotion Listener Interface.**
A.	`mouseClicked(MouseEvent)` `mouseEntered(MouseEvent)`

B.	`mouseClicked(MouseEvent)`
	`mousePressed(MouseEvent)`
	`mouseReleased(MouseEvent)`

C.	`mouseMoved(MouseEvent)` `mouseDragged(MouseEvent)`

D.	`mouseClicked(MouseEvent)`
	`mouseEntered(MouseEvent)`
	`mouseExited(MouseEvent)`
	`mousePressed(MouseEvent)`
	`mouseReleased(MouseEvent)`

Answer	**optionc**
Marks:	**2**
162	**Select methods of checkBox calss.**
A.	`void setLabel()`
B.	`String getLabel()`
C.	`boolean getState()`
D.	`All of these`
Answer	**optiond**
Marks:	**2**
163	`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 ");` `     ***************` `    if(session.isNew())` `    {` `      pw.println("You have created a new session");` `    }` `  }` `}`
A.	`HttpSession session = request.getSession();`
B.	`HttpSession session = new HttpSession()`
C.	`HttpSession session = new HttpSession(getSession())`
D.	`HttpSession session = response.getSession()`
Answer	**optiona**

Marks:	2
164	The init parameter name and value pairs that are defined in web.xml are handled by.
A.	ServletConfig object
B.	ServletContext object
C.	ServletRequest object
D.	ServletResponse object
Answer	**optiona**
Marks:	2
165	Which Action element Includes file at time the page is requested in JSP.
A.	jsp:include
B.	jsp:import
C.	jsp:embed
D.	None of these
Answer	**optiona**
Marks:	2
166	Which of these events is generated when a button is pressed?
A.	A.) WindowEvent
B.	B.) ActionEvent
C.	C.) WindowEvent
D.	D.) KeyEvent
Answer	**optionb**
Marks:	1
167	mouse click will always generate _____ event?
A.	MouseButtonEvent
B.	ActionEvent
C.	MouseClickEvent
D.	MouseEvent
Answer	**optiond**
Marks:	1
168	The various controls supported by swing are:
A.	JList, JTree, JTabbedPane
B.	JRadioButton, JTextField
C.	JButton, JToggleButton, JTable
D.	all of the above

Answer	**optiond**
Marks:	**1**
169	**Which one is the valid constructor of JCheckBox.**
A.	JCheckBox(int s)
B.	JCheckBox(Icon I, int s,Boolean State)
C.	JCheckBox(Sting s, Icon I, Boolean State)
D.	JCheckBox(Icon I, int s)
Answer	**optionc**
Marks:	**1**
170	**Which of these constant value will change when the button at the end of scroll bar was clicked to increase its value?**
A.	BLOCK_DECREMENT
B.	UNIT_DECREMENT
C.	UNIT_INCREMENT
D.	BLOCK_INCREMENT
Answer	**optionc**
Marks:	**1**
171	**Which of the following is an approach for state maintenance in Web applications?**
A.	Hidden Form Field
B.	URL Rewriting
C.	Cookies
D.	All of the above.
Answer	**optiond**
Marks:	**1**
172	**Which JSP tag is used to transfer processing to another JSP page ?**
A.	<jsp:include>
B.	<jsp:redirect>
C.	<jsp:useBean>
D.	<jsp:forward>
Answer	**optiond**
Marks:	**1**
173	**Which Component subclass is used for drawing and painting?**
A.	Frame
B.	Canvas
C.	Window

D.	Applet
Answer	**optionb**
Marks:	**2**
174	**What component will be needed to get following output?**
A.	A)TextField
B.	B)JTextField, Horizontal_Scrollbar
C.	C)JApplet, JTextField, JScrollPane and Constants related to scrollbars
D.	D) JPanel, JTextField, JScrollPane and Constants related to scrollbars
Answer	**optiond**
Marks:	**2**
175	**1. What will be the output of the following code? import java.awt.*;** **import java.applet.*;** **import 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>*/**
A.	S1-chapter2(Q1.A).jpg
B.	S1-chapter2(Q1.B).jpg
C.	S1-chapter2(Q1.C).jpg
D.	S1-chapter2(Q1.D).jpg
Answer	**optionc**
Marks:	**2**
176	**Which of the following statement is false as far as different type of statements is concern in JDBC.**
A.	Regular statrment
B.	Prepared Statement
C.	Callable Statement
D.	Interim Statement
Answer	**optiond**
Marks:	**2**

177	3. Observe the following code and find which statement contains error.
	``java
	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");
	  }
	  }
	``

A.	A. Error in setting layout manager.
B.	B. Error in setting ToolTip text.
C.	C.Error in adding and registering listener to the component.
D.	D. Error in declaration of Action_Performed method.
Answer	**optionc**
Marks:	**2**

178	Select proper command for compilation and execution of program. import java.awt.*;
	``java
	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));
	  }
	 }
	}
	/*<applet code="square" width=400 height=400>
	</applet>*/
	``

A.	A. javac list and java list
B.	B. javac list.java and java list
C.	C. java list.java and appletviwer list.java
D.	D. javac square.java and appletviewer square.java
Answer	**optiond**

Marks:	2

179	Find the missing term at _____ in the 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(Grapics g)
  {
   g.drawString(msg,80,100);
  }
}

/*<applet code="Key" width=600 height=600>
</applet>
*/
```

A.	KEY
B.	Key
C.	key
D.	None of the Above
Answer	**optionb**
Marks:	2

180	Consider following output. Find missing statement from following code.

```
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+="<left arrow>";
                                    break;

   case KeyEvent.VK_RIGHT:
                                  msg+="<right arrow>";
                                  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);
  }
```

	``` } ```
A.	A. Missing }
B.	B. Missing ;
C.	C. Missing ( )
D.	D. Missing{}
Answer	**optiond**
Marks:	**2**

181	For the following code that can be used to handle event to be replaced in the given blank space.
	
	``java
	import java.awt.*;
	import java.awt.event.*;
	import java.applet.*;
	
	public class scrl 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("*", hsb.getValue(),vsb.getValue());
	 }
	}
	``

A.	AactionPerformed(ActionEvent ae)
B.	adjustmentValueChanged(ActionEvent ae)
C.	adjustmentValueChanged(AdjustmentEvent ae)
D.	adjustmentChangedValue(AdjustmentEvent ae)
Answer	**optionc**
Marks:	**2**

182	Find the missing statement to get output.
	
	``java
	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.execute(sql);
	  if(res==true)
	  System.out.println("table not created");
	  else
	  System.out.println("table created");
	
	  catch(SQLException e)
	  {
	``

```
    System.out.println("Sql error has occured");
    }
    catch(Exception e)
    {
    System.out.println("error!connection not establishd");
    }
    }
    }
```

A.	MISSING ;
B.	Missing {
C.	Missing }
D.	Missing ()
Answer	**optionc**
Marks:	**2**

| 183 | Find the missing method in following code.
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();
} |

A.	createStatement()
B.	CreateStatement()
C.	createStatement();
D.	none of these
Answer	**optionc**
Marks:	**2**

| 184 | What will be the output of following program?
import java.sql.*;
class conn1
{
 public static void main(String arg[])
 {
 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 stuI4(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 occured");
 }
 }
} |

| A. | table created |
| B. | connection established and table created. |

C.	Driver are properly loaded connection established and table created
D.	Driver are properly loaded connection established and table not created
Answer	**optionc**
Marks:	**2**
185	**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>");** **}** **}**
A.	Welcome to the Servlet World
B.	Servlet Page
C.	Servlet Page and Welcome to the Servlet World
D.	Welcome to the world.
Answer	**optiona**
Marks:	**2**
186	**setBorder() method is used to set a border for _____?**
A.	Jcomponent
B.	Container
C.	Button
D.	Label
Answer	**optiona**
Marks:	**1**
187	**Which of the following are subclasses of java.awt.Component?**
A.	Container
B.	LayoutManager
C.	Color
D.	Font
Answer	**optiona**
Marks:	**1**
188	**The MouseListener's _____ method is called after mouse button is released**

A.	public void mouseExited(MouseEvent e)
B.	public void mousePressed(MouseEvent e)
C.	public void mouseEntered(MouseEvent e)
D.	public void mouseReleased(MouseEvent e)
Answer	**optiond**
Marks:	**1**
189	**The method in the ActionEvent _____ returns the action command of the button**
A.	getId()
B.	paramString()
C.	getModifiers()
D.	getActionCommand()
Answer	**optiond**
Marks:	**1**
190	**Source object can register only one listener**
A.	True
B.	False
C.	cant predict
D.	none of this
Answer	**optionb**
Marks:	**1**
191	**If a PreparedStatement is a SQL SELECT statement, you execute the statement using _____.**
A.	PreparedStatement.executeQuery();
B.	PreparedStatement.executeUpdate();
C.	PreparedStatement.execute();
D.	PreparedStatement.query();
Answer	**optiona**
Marks:	**1**
192	**Life cycle of the servlet is managed by**
A.	servletContext
B.	servletContainer
C.	Supporting protocol
D.	all of the above
Answer	**optionb**
Marks:	**1**

193	Name the method defined in the HttpServletResponse class that may be used to set the content type.
A.	setType
B.	setContent
C.	setContentType
D.	setResponseContentType
Answer	**optionc**
Marks:	**1**
194	What is the layout of the given output
A.	GridLayout
B.	BorderLayout
C.	FlowLayout
D.	CardLayout
Answer	**optionc**
Marks:	**2**
195	Multiple layouts in the single conainer can be created with the help of _____
A.	Frame
B.	Panel
C.	Window
D.	Container
Answer	**optionb**
Marks:	**2**
196	Which of following is true?
A.	All the methods in the JButton class are inherited from the javax.swing.AbstractButton class
B.	You can't create a JButton by specifying an icon
C.	There is no default constructor for Jbutton
D.	You can't apply text and icon to Jbutton simultaneouly
Answer	**optiona**
Marks:	**2**
197	The server listens for a connection request from a client using the following statement:
A.	Socket s = new Socket(ServerName, port);
B.	Socket s = serverSocket.accept()
C.	Socket s = serverSocket.getSocket()
D.	Socket s = new Socket(ServerName);
Answer	**optionb**

Marks:	2
198	Which of the following statements loads the JDBC-ODBC driver?
A.	Class.forName(sun.jdbc.odbc.JdbcOdbcDriver)
B.	Class.forName("sun.jdbc.odbc.JdbcOdbcDriver")
C.	Class.loadClass(sun.jdbc.odbc.JdbcOdbcDriver)
D.	Class.loadClass("sun.jdbc.odbc.JdbcOdbcDriver")
Answer	**optionb**
Marks:	2
199	To execute a SELECT statement "select * from Address" on a Statement object stmt, use
A.	stmt.execute("select * from Address");
B.	stmt.executeQuery("select * from Address");
C.	stmt.executeUpdate("select * from Address");
D.	stmt.query("select * from Address");
Answer	**optionb**
Marks:	2
200	Apache Tomcat is a _____.
A.	Servlet
B.	Java program
C.	API
D.	Web server that is capable of running Java programs.
Answer	**optiond**
Marks:	2
201	Suppose the two parameters in the doGet or doPost method are request and response. To specify HTML content type sent to the client _____.
A.	response.setContentType("text/html")
B.	request.setContentType("text/html")
C.	con.setContentType("text/html")
D.	response.setContentType=("text/html")
Answer	**optiona**
Marks:	2

202	Given the following 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);
	 }
	 }
	How could you set the frame surface color to pink

A.	s.setBackground(Color.pink);
B.	s.setColor(PINK);
C.	s.Background(pink);
D.	s.color=Color.pink
Answer	**optiona**
Marks:	**2**
203	**Which will be the layout of the output window**
A.	GridLayout
B.	FlowLayout
C.	GridBagLayout
D.	BorderLayout
Answer	**optionc**
Marks:	**2**
204	**Correct code of the output window is**
| A. | ```
public class TestDemo extends JApplet
{
public void init()
{
   JButton b = new JButton("Button");
   Container c = getContentPane();
   c.setLayout(new FlowLayout());
   c.add(b);
}
}
``` |
| B. | ```
public class TestDemo extends JApplet
{
public void init()
{
    JButton b = new JButton("Button");
    Container c = getContentPane();
    c.add(b);
}
}
``` |
| C. | ```
public class TestDemo extends JApplet
{
 public void init()
 {
    JButton b = new JButton("Button");
  Container c = getContentPane();
   c.setLayout(new FlowLayout());
 }
}
``` |
| D. | ```
public class TestDemo extends JApplet
{
   public void init()
   {
      JButton b = new JButton("Button");
      c.setLayout(new FlowLayout());
      c.add(b);
   }
}
``` |
Answer	**optiona**
Marks:	**2**
205	**getPort() method of socket class return**
A.	Port no of current machine

B.	Returns the remote port number to which the socket object is connected
C.	returns address of the current machine
D.	returns address of socket object
Answer	**optionb**
Marks:	**2**
206	**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**
A.	ResultSet rs =pst .executeQuery("SELECT COF_NAME, PRICE FROM COFFEES");
B.	pst = con.prepareStatement ("SELECT COF_NAME, PRICE FROM COFFEES"); ResultSet rs = pst.executeQuery();
C.	pst = con.executeQuery("SELECT COF_NAME, PRICE FROM COFFEES"); ResultSet rs = pst;
D.	ResultSet rs = pst.con..executeQuery("SELECT COF_NAME, PRICE FROM COFFEES");
Answer	**optionb**
Marks:	**2**
207	**<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>**
A.	file will be saved with .java
B.	file will be saved with .jsp
C.	file will be saved with .servlet
D.	file will be saved with .class
Answer	**optionb**
Marks:	**2**
208	**To set title to the frame window_____ method is used.**
A.	void settitle(String str)
B.	void setText(String str)
C.	void setTitle(String str)
D.	None of these
Answer	**optionc**
Marks:	**1**
209	**_____ class is used to create set of mutually exclusive checkboxes.**
A.	Group

B.	CheckboxGroup
C.	Radiobutton
D.	None of these
Answer	**optionb**
Marks:	**1**
210	_____ method returns currently selected item in choice.
A.	getSelectedIndex( )
B.	getSelectedElement( )
C.	getSelectedItem( )
D.	getItem()
Answer	**optionc**
Marks:	**1**
211	By default page-up and page-down increment of scrollbar is_____.
A.	2
B.	5
C.	1
D.	10
Answer	**optiond**
Marks:	**1**
212	_____ method is used to add items in Combobox.
A.	add()
B.	addElement()
C.	insert()
D.	addItem()
Answer	**optiond**
Marks:	**1**
213	_____is generated when checkbox is clicked, list item is clicked, choice selection is made or checkable menu item is selected
A.	ItemEvent
B.	ActionEvent
C.	MouseEvent
D.	WindowEvent
Answer	**optiona**
Marks:	**1**
214	getID() method is provided by _____ class.

A.	EventObject
B.	AWTEvent
C.	ActionEvent
D.	None of these
Answer	**optionb**
Marks:	**1**
215	_____method of URL class is used to obtained file path from given URL.
A.	getFile()
B.	getPath()
C.	getFilePath()
D.	None of these
Answer	**optiona**
Marks:	**1**
216	Which of the following method is used to obtain remote port to which Socket object is connected.
A.	getRemotePort()
B.	getLocalPort()
C.	getPort()
D.	None of these
Answer	**optionc**
Marks:	**1**
217	Statement is_____.
A.	class
B.	interface
C.	method
D.	abstract class
Answer	**optionb**
Marks:	**1**
218	Which of the following package contains all JDBC API's those are required to make connection with database?
A.	java.sql.*
B.	java.oracle.*
C.	java.net.*
D.	java.jdbc.*
Answer	**optiona**
Marks:	**1**

219	The PreparedStatement_____symbol is placeholder that is replaced by the input parameter at seen time.
A.	*
B.	?
C.	#
D.	@
Answer	**optionb**
Marks:	**1**
220	_____declares life cycle methods of servlet.
A.	GenericServlet
B.	Servlet
C.	HttpServlet
D.	ServletConfig
Answer	**optionb**
Marks:	**1**
221	Parameters are present in URL while using_____method
A.	doGet()
B.	doPut()
C.	doPost()
D.	None of these
Answer	**optiona**
Marks:	**1**
222	Which of the following statement is used to create GridLayout in the output shown below?
A.	GridLayout g=new GridLayout(2,3);
B.	GridLayout g=new GridLayout(3,2);
C.	GridLayout g=new GridLayout(3,3);
D.	None of these
Answer	**optionb**
Marks:	**2**
223	What components will be needed to get following output?
A.	Applet, MenuBar, Menu, MenuItem
B.	Applet, MenuBar, Menu, CheckboxMenuItem
C.	Frame, MenuBar, Menu, CheckboxMenuItem
D.	Frame, MenuBar, Menu, MenuItem
Answer	**optionc**

Marks:	2
224	**What components will be needed to get following output?**
A.	Applet, TabbedPane, Choice
B.	Applet, TabbedPane, ComboBox
C.	Frame, TabbedPane, Panel
D.	Frame, TabbedPane, List
Answer	**optionb**
Marks:	2
225	**What components will be needed to get following output?**
A.	JApplet, JCheckBox, JComboBox, Jbutton
B.	JApplet, JRadioButton, JList, Jbutton
C.	JFrame, JCheckBox, JChoice, Jbutton
D.	JFrame, JRadioButton, JList, Jbutton
Answer	**optiona**
Marks:	2

226	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");
	 }
	}
	/*<applet code="DemoKeyEvent.class" width=300 height=300></applet>*/

A.	public void keyPressed(KeyEvent ke){
	   showStatus("Key Pressed");
	
	}

B.	public void keyReleased(KeyEvent ke)
	{
	   showStatus("KeyRealeased");
	 }

C.	All of the above
D.	None of these
Answer	**optionc**
Marks:	2

227	**Which of the following is the correct syntax of executeQuery() method?**
A.	int executeQuery()
B.	int executeQuery(String str)
C.	ResultSet executeQuery()
D.	ResultSet executeQuery(String str)

Answer	**optiond**
Marks:	**2**
228	**Which of the following is correct syntax of init() method of servlet ?**
A.	void init(SevletContext contex)throws ServletException
B.	void init(ServletConfig sc) throws ServletException
C.	void init(ServletRequest req) throws ServletException
D.	void init(ServletResponse res) throws ServletException
Answer	**optionb**
Marks:	**2**
229	**Which of the following is true about getSession(boolean flag) statement?**
A.	If flag is true and No session exist, it creates and returns session for this request.
B.	If flag is false and No session exist, it creates and returns session for this request.
C.	If flag is false it returns existing session for this request.
D.	Both A and C are correct
Answer	**optiond**
Marks:	**2**
230	**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**
A.	b-a-e-d-c
B.	b-a-e-c-d
C.	e-a-c-b-d
D.	a-b-c-e-d
Answer	**optiona**
Marks:	**2**
231	**Select the proper output for following code** **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);** ** }**

	}
	/*<applet code="DemoBorderLayout.class" width=350 height=300></applet>*/
A.	S1Q4201
B.	S1Q4202
C.	S1Q4203
D.	S1Q4204
Answer	**optionb**
Marks:	**2**
232	**Identify the code for the output given below.**
A.	import java.awt.*;import javax.swing.*;public class Demo extends JApplet{ JButton b1,b2; JCheckBox cb1,cb2; public void init() {
B.	import java.awt.*;import javax.swing.*;public class Demo extends JFrame{ JButton b1,b2; JCheckBox cb1,cb2; Demo() { Container c=g
C.	import java.awt.*;import javax.swing.*;public class Demo extends JApplet{ JButton b1,b2; JCheckBox cb1,cb2; public void init() { }
D.	None of these
Answer	**optionc**
Marks:	**2**
| **233** | ```
//Identify the 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 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);
 }
}
``` |
A.	Error in statement in which JTable is created
B.	Error in statement in which JScrollPane is created
C.	Error in statement in which applet tag is declared
D.	None of these
Answer	**optiona**
Marks:	**2**
| **234** | ```
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);
 }
}
/*<applet code="Demo.class" width=300 height=200></applet>*/
```

A.	S1Q4701
B.	S1Q4702
C.	S1Q4703
D.	All of the Above
Answer	**optiona**
Marks:	**2**

| 235 | ```
Select the missing statement in the following code
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());
 }
}
/*<applet code="DemoChoice.class" width=300 height=200></applet>*/
``` |
|----|---|

A.	add(ch)
B.	ch.addActionListener(this);
C.	implements ItemListener
D.	A and C are correct
Answer	**optiond**
Marks:	**2**

| 236 | ```
Select the missing statement in the following code
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);
    }
    }
```

A.	Missing import java.awt.event.*; package
B.	Missing }
C.	Missing {
D.	Missing ;
Answer	**optiona**
Marks:	**2**

237	Debug the following code and find which statement contains error.
	`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>0)`
	`      System.out.println("Record Inserted Successfully");`
	
	`      stmt.close();`
	`      con.close();`
	`  }catch (Exception ex) {}`
	` }`
	`}`

A.	Error in statement where getConnection() method is called
B.	Error in statement where executeQuery() method is called
C.	Error in statement where drivers are loaded
D.	Error in statement where java.sql package is imported
Answer	**optionb**
Marks:	**2**

238	Choose missing statements in following code from given options.
	`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 rno=rs.getInt("roll");
       String nm=rs.getString("sname");
       double per=rs.getDouble("per");
       System.out.println(rno+"\t"+nm+"\t"+per);
      }
      con.close();
     }catch(Exception e){}
   }
  }
```

A.	stmt.executeUpdate(qry)
B.	stmt.executeNonQuery(qry)
C.	stmt.executeQuery(qry)
D.	None of these
Answer	**optionc**
Marks:	**2**

239	Debug the following code and find which statement contains error.
	`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>0)`
	`      System.out.println("Record Inserted Successfully");`
	
	`      stmt.close();`
	`      con.close();`
	`   }catch (Exception ex) {}`
	` }`
	`}`

A.	Error in statement where createConnection() method is called
B.	Error in statement where createStatement() method is called
C.	Error in statement where executeQuery() method is called
D.	All of the above
Answer	**optiond**
Marks:	**2**

240	Choose missing statements in following code from given options.
	`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 rno=rs.getInt("roll");
     String nm=rs.getString("sname");
     double per=rs.getDouble("per");
     System.out.println(rno+"\t"+nm+"\t"+per);
    }
    con.close();
   }catch(Exception e){System.out.println(e.toString());}
  }
 }
```

A.	`pstmt.executeUpdate(qry)`
B.	`pstmt.executeUpdate()`
C.	`pstmt.executeQuery(qry)`
D.	`pstmt.executeQuery()`
Answer	**optionc**
Marks:	**2**

241	Choose missing statements in following code from given options.

```
import java.sql.*;
import java.io.*;
class DemoPreparedStmt
{
 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>0)
   System.out.println("Record Inserted...");
   else
   System.out.println("Error...");
   con.close();
  }catch(Exception e){}
 }
}
```

A.	`"insert into stud values(?,?,?)";`
B.	`"insert into stud values(?,?)";`
C.	`"insert into stud values(22,'XYZ',65.77)";`
D.	None of these
Answer	**optiona**
Marks:	**2**

242	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("<B>My cookie has been sent<BR>");
```

	`    pw.close();`
	`  }`
	`}`

A.	Missing } statement
B.	response.setCookie(c) instead of response.addCookie(c)
C.	import javax.servlet.http.*;
D.	None of these
Answer	**optionc**
Marks:	**2**
243	**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();** ** }** **}**
A.	Error in statement where service method is written
B.	Error in statement where package javax.servlet.http is imported
C.	Error in method where setContentType() method is called
D.	No error
Answer	**optiond**
Marks:	**2**
244	**What maintains a cursor that points to a particular row of data .Initially, cursor points to before the first row?**
A.	Connection interface
B.	Statement interface
C.	ResultSet object
D.	None of the Above
Answer	**optionc**
Marks:	**1**
245	**Which of the following layout mangers honours the preferred size of component(Multiple)**
A.	CardLayout
B.	FlowLayout
C.	BorderLayout
D.	GridLayout
Answer	**optionb**
Marks:	**2**

246	**The JDBC-ODBC Bridge driver is**
A.	Multithreaded
B.	singlethreaded
C.	Both A & B
D.	None of the Above
Answer	**optiona**
Marks:	**2**
247	**Which tag is used to execute java source code in JSP**
A.	Declaration Tag
B.	Scriptlet Tag
C.	Expression Tag
D.	None of the Above
Answer	**optionb**
Marks:	**2**
248	**Choose the correct Program for the following output**

| A. | ```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class Fifth5 extends Applet implements ItemListener
{
Checkbox cb1,cb2,cb3;
CheckboxGroup cbg;
Label l1;
public void init()
{
cbg=new CheckboxGroup();
cb1=new Checkbox("C programming",cbg,false);
cb2=new Checkbox("C programming",cbg,true);
cb3=new Checkbox("C programming",cbg,false);
l1=new Lable("Before ItemSelection");
add(cb2);
add(cb3);
add(l1);
}
}
``` |
|------|------|
| B. | ```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class Fifth5 extends Applet implements ItemListener
{
Checkbox cb1,cb2,cb3;
CheckboxGroup cbg;
Label l1;
public void init()
{
cbg=new CheckboxGroup();
cb1=new Checkbox("C programming",cbg,false);
cb2=new Checkbox("C programming",cbg,true);
cb3=new Checkbox("C programming",cbg,false);
l1=new Lable("Before ItemSelection");
add(cb1);
add(cb2);
add(cb3);
}
``` |
| C. | ```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class Fifth5 extends Applet implements ItemListener
{
Checkbox cb1,cb2,cb3;
CheckboxGroup cbg;
Label l1;
public void init()
{
``` |

```
cbg=new CheckboxGroup();
cb1=new Checkbox("C programming",cbg,false);
cb2=new Checkbox("C programming",cbg,false);
cb3=new Checkbox("C programming",cbg,false);
l1=new Lable("Before ItemSelection");
add(cb1);
add(cb2);
add(cb3);
add(l1);
}
```

| D. | ```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class Fifth5 extends Applet implements ItemListener
{
Checkbox cb1,cb2,cb3;
CheckboxGroup cbg;
Label l1;
public void init()
{
cbg=new CheckboxGroup();
cb1=new Checkbox("C programming",cbg,false);
cb2=new Checkbox("C programming",cbg,true);
cb3=new Checkbox("C programming",cbg,false);
l1=new Lable("Before ItemSelection");
add(cb1);
add(cb2);
add(cb3);
add(l1);
}
``` |
|---|---|
| Answer | **optiond** |
| Marks: | **2** |
| 249 | ```
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&TC')");
  System.out.println(i);
  }
  catch(Exception e)
  {System.out.println(e); }
 }}
``` |
A.	Statement st1 =con.createStatement();
B.	Statement s = con.CreateStatement();
C.	Statement st=conn.createStatement();
D.	Statements stn=con.Createstatement();
Answer	**optionc**
Marks:	**2**
| 250 | ```
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()}
 }
}
``` |
| A. | Missing package statement |
| B. | Missing semicolon & Package Statement |

C.	`Missing  initialization`
D.	`Missing semicolon`
Answer	**optionb**
Marks:	**2**

251	**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();  }}`

A.	`executeupdate();`
B.	`ps.executeUpdate();`
C.	`ps.executeupdates();`
D.	`rs.executeUpdate();`
Answer	**optionb**
Marks:	**2**
252	**setMenuBar() method of which class**
A.	`Menu`
B.	`MenuBar`
C.	`Frame`
D.	`Applet`
Answer	**optionc**
Marks:	**1**
253	**By default which layout manager is set on applet**
A.	`BorderLayout`
B.	`GridLayout`
C.	`FlowLayout`
D.	`GridBagLayout`
Answer	**optionc**
Marks:	**1**

254	Which method Is used to add items to JComboBox
A.	add()
B.	addItem()
C.	selectItem()
D.	insertItem()
Answer	**optionb**
Marks:	**1**
255	Jtree class comes under which package
A.	java.awt
B.	java.applet
C.	java.swing
D.	javax.swing
Answer	**optiond**
Marks:	**1**
256	getSource() is method of which class
A.	Button
B.	ActionEvent
C.	ActionListener
D.	EventObject
Answer	**optiond**
Marks:	**1**
257	mouseDragged() method present in which listener
A.	MouseListener
B.	MouseMotionListener
C.	TextListener
D.	None of these
Answer	**optionb**
Marks:	**1**
258	On which awt component event listener can not be aplied
A.	TextField
B.	Label
C.	Frame
D.	None of this
Answer	**optionb**

Marks:	**1**
259	**_____port number is reserved for Http protocol.**
A.	80
B.	8084
C.	25
D.	20
Answer	**optiona**
Marks:	**1**
260	**Access control does not deals with**
A.	Permissions
B.	Policy
C.	Authenication
D.	Autorization
Answer	**optionc**
Marks:	**1**
261	**Resolver in DNS sysytem maps**
A.	Domain name to ip address
B.	ip address to domain name
C.	domain name to MAC address
D.	MAC address to ip address
Answer	**optiona**
Marks:	**1**
262	**DSN stands for**
A.	Data Source Name
B.	Data System Name
C.	Database System Name
D.	None of this
Answer	**optiona**
Marks:	**1**
263	**getConnection() method of which class**
A.	Connection
B.	Statement
C.	DriverManager
D.	sql

Answer	**optionc**
Marks:	**1**
264	**Which method is used to obtain count of total rows of ResultSet**
A.	getRow
B.	getCount
C.	countRows
D.	getAllRows
Answer	**optionb**
Marks:	**1**
265	**Cookies sent from _____ to _____**
A.	Client , Client
B.	Server, Server
C.	Client, Server
D.	Server,Client
Answer	**optiond**
Marks:	**1**
266	**Which method is used to end servlet life cycle**
A.	exit
B.	destroy
C.	delete
D.	end
Answer	**optionb**
Marks:	**1**
267	**Which attribute is mandory while creating cookie**
A.	Value
B.	Maxage
C.	Version
D.	Path
Answer	**optiona**
Marks:	**1**
268	**If user does not set size of frame then in output size of frame is _____ width _____ height**
A.	100 ,100
B.	0,0
C.	50,50

D.	100,50
Answer	**optionb**
Marks:	**2**
269	**Which method is incorrect while creating menubar**
A.	Menu.add(MenuItem)
B.	Menu.add(Menu)
C.	MenuItem.add(MenuItem)
D.	MenuBar.add(Menu)
Answer	**optionc**
Marks:	**2**
270	**Which constructor was correct to get output**
A.	Jtable(2,3)
B.	Jtable(3,2)
C.	Jtable(3)
D.	Jtable(2)
Answer	**optiona**
Marks:	**2**
271	**Which components are reuired to get following output (S1Q28)**
A.	Choice and Button
B.	List and Button
C.	Choice, List
D.	Choice, List and Button
Answer	**optionb**
Marks:	**2**
272	**When user change text present In text field then that event listen by**
A.	ActionListener
B.	ComponentListener
C.	MouseListener
D.	TextListener
Answer	**optiond**
Marks:	**2**
273	**Window is type of**
A.	Frame
B.	Event Source

C.	Class
D.	All of this
Answer	**optiond**
Marks:	**2**
274	**Component listener can not be applicable to**
A.	Button, Choice
B.	List, Scrollbar
C.	Frame, Label
D.	Textfield, Text Area
Answer	**optionc**
Marks:	**2**
275	**InputStream class is used in TCP Client-server program to**
A.	Send/receive message from client to server & vice versa.
B.	receive message from client to server
C.	Send message from server to client
D.	none of the above.
Answer	**optiona**
Marks:	**2**
276	**Which method is incorrect to execute sql query**
A.	execute("select * from MSBTE")
B.	execute("delete * from MSBTE")
C.	executeUpdate("select * from MSBTE")
D.	All of this
Answer	**optionc**
Marks:	**2**
277	**service mthod of servelet is use**
A.	to send request and to get response
B.	to get request and to send response
C.	to end life of servlet
D.	none of these
Answer	**optionb**
Marks:	**2**
278	**Which coockie name is incorrect**
A.	"Username"

B.	"Username.password"
C.	"Username@gmail.com"
D.	all of this
Answer	**optionc**
Marks:	**2**
279	**For given figure which method of RequestDispatcher is applicable (S1Q41)**
A.	forward
B.	include
C.	add
D.	sendRedirect
Answer	**optiona**
Marks:	**2**
280	**In given constructor what 3rd parameter indictaes** **Scrollbar s=new Scrollbar(0,10,20,0,1000)**
A.	Size of thumb
B.	Minimum value
C.	Increment value
D.	Initial value
Answer	**optiona**
Marks:	**2**
281	**What will be output for following program:** **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);** ** }** ** }** **/*** ** <applet code="feee.java" width=200 height=100>** ** </applet>** ***/**
A.	Error
B.	Nothing will display
C.	S1Q44O3
D.	S1Q44O4
Answer	**optionc**
Marks:	**2**

282	In order to obtain currunt value of scrollbar at run time which method you will use
A.	getMaximum()
B.	getValue()
C.	getMinimum()
D.	getCuruntValue()
Answer	**optionb**
Marks:	**2**
283	which method is required to register mouse listener to awt components
A.	add()
B.	addListener()
C.	addMouseListener
D.	All of this
Answer	**optionc**
Marks:	**2**

284	What will be output for following program
	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);
	}
	 }
	/*
	   <applet code="see.java" width=200 height=100>
	    </applet>
	*/

A.	S1Q48O1
B.	S1Q48O2
C.	Compile time error
D.	None of these
Answer	**optionc**
Marks:	**2**

285	What will be output if user select second item from choice component in following program:
	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);
        }
        }
        /*
           <applet code="gee.java" width=200 height=100>
            </applet>
        */
```

A.	S1Q5O01
B.	S1Q5O02
C.	S1Q5O03
D.	S1Q5O04
Answer	**optionb**
Marks:	**2**

286	In order to receive message from client which thing is missing in given server side program in TCP connectivity:
	`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);`
	`  }`
	`}`

A.	OutputStream class & accept method call from server
B.	IP address
C.	accept method call from server
D.	close method
Answer	**optiona**
Marks:	**2**

287	**If ResultSet is forward only then which method can not be execute**
A.	getString()
B.	first
C.	getRow()
D.	next()
Answer	**optionb**
Marks:	**2**

288	**Which class not comes under java.sql package**
A.	Connection

B.	Statement
C.	ResultSet
D.	Class
Answer	**optiond**
Marks:	**2**
289	**What is an API?**
A.	Application Programming Interchange
B.	Application Programming Intraction
C.	Application Programming Interface
D.	None Of These
Answer	**optionc**
Marks:	**1**
290	**which of these methods use in cardlayout**
A.	add(Component C, String s)
B.	add(Component C)
C.	add(Card c1, Component c)
D.	add(String s, Component c)
Answer	**optiond**
Marks:	**1**
291	**_____ is not a Swing Component**
A.	ButtonGroup
B.	Jlabel
C.	Jbutton
D.	CheckboxGroup
Answer	**optiond**
Marks:	**1**
292	**JCheckBox is _____Component**
A.	lightweight
B.	heavyweight
C.	awt
D.	abstract
Answer	**optiona**
Marks:	**1**
293	**MutableTreeNode is extends_____interface**

A.	TreeNode
B.	DefaultMutableTreeNode
C.	TreePath
D.	JTree
Answer	**optiona**
Marks:	**1**
294	**which of the following is not a AWT control.**
A.	ButtonGroup
B.	CheckboxGroup
C.	Checkbox
D.	Button
Answer	**optiona**
Marks:	**1**
295	**Canvas is a _____**
A.	Applet
B.	Panel
C.	Window
D.	Frame
Answer	**optionc**
Marks:	**1**
296	**Which of these not a constants defined in ComponentEvent class?**
A.	COMPONENT_HIDDEN
B.	COMPONENT_SHOWN
C.	COMPONENT_SIZED
D.	COMPONENT_RESIZED
Answer	**optionc**
Marks:	**1**
297	**KeyListener interface has got _____methods**
A.	2
B.	4
C.	1
D.	3
Answer	**optiond**
Marks:	**1**

298	Which of these a AdapterClass
A.	KeyAdapter class
B.	TextAdapter class
C.	ActionAdapter class
D.	ItemAdapter class
Answer	**optiona**
Marks:	**1**
299	Which of these is a factory methods
A.	getAddress()
B.	getHostName()
C.	getLocalHost()
D.	getHostAddress()
Answer	**optionc**
Marks:	**1**
300	Which of these is a return type of getData() method of DatagramPacket class
A.	Object
B.	String
C.	byte
D.	metadata
Answer	**optionc**
Marks:	**1**
301	forName is a_____type method
A.	final
B.	static
C.	abstract
D.	super
Answer	**optionb**
Marks:	**1**
302	Which from the below use "middle-tier"
A.	Three-Tier
B.	Four-Tier
C.	n-Tier
D.	All of above
Answer	**optiond**

Marks:	**1**
303	**Which is interface of following**
A.	Servlet
B.	GenericServlet
C.	ServletInputStream
D.	HttpServlet
Answer	**optiona**
Marks:	**1**
304	**Tomcat is a _____**
A.	Servlet
B.	Web Server
C.	mail Server
D.	File Server
Answer	**optionb**
Marks:	**1**
305	**Which Component are present in following image**
A.	Button, Label, Table, JProgressbar
B.	JButton, JLabel, JTable, Progressbar
C.	JButton, JLabel, JTable, JProgressBar
D.	JButton, JLabel, Table, Progressbar
Answer	**optionc**
Marks:	**2**
306	**Which of these are integer constants of TextEvent class?**
A.	TEXT_CHANGED
B.	TEXT_FORMAT_CHANGED
C.	TEXT_VALUE_CHANGED
D.	TEXT_SIZE_CHANGED
Answer	**optionc**
Marks:	**2**
307	**select the proper method to retrive the data from DatagramPacket**
A.	getContent()
B.	getData()
C.	getFile()
D.	getInfo()

Answer	**optionb**
Marks:	**2**
308	**What happens if you call the method close() on a ResultSet object?**
A.	the method close() does not exist for a ResultSet. Only Connections can be closed
B.	the database and JDBC resources are released
C.	you will get a SQLException, because only Statement objects can close ResultSets
D.	the ResultSet, together with the Statement which created it and the Connection from which the Statement was retrieved, will be cl
Answer	**optionb**
Marks:	**2**
309	**Which of these methods are used to register a mouse motion listener?**
A.	addMouseMotion()
B.	addMouseListener()
C.	addMouseMotionListener()
D.	addMotionListener()
Answer	**optionc**
Marks:	**2**
310	**which of these events will be generated if we close an applet's window?**
A.	ActionEvent
B.	ComponentEvent
C.	AdjustmentEvent
D.	WindowEvent
Answer	**optiond**
Marks:	**2**
| 311 | ```
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);
            }
        }
``` |
A.	TRUE
B.	FALSE
C.	
D.	
Answer	**optionb**
Marks:	**2**
312	**What is correct about DDL statements (create, grant,…)?**
A.	DDL statements are treated as normal SQL statements, and are executed by calling the execute() method on a Statement(or a sub inte

B.	To execute DDL statements, you have to install additional support files
C.	DDL statements cannot be executed by making use of JDBC,you should use the native databse tools for this.
D.	Support for DDl satements will be a feature of a future release of JDBC
Answer	**optiona**
Marks:	**2**
313	**The major difference between servlet and CGI is**
A.	Servlets are thread based and CGI is process based
B.	Servlets executes slower compared to CGI
C.	Servlet has no platform specific API, where as CGI has
D.	All of the above
Answer	**optiona**
Marks:	**2**
314	**In which of the following cases the request.getAttribute() will be helpful?**
A.	If a servlet or jsp is invoked using sendRedirect method.
B.	If a servlet or jsp is invoked using forword method
C.	If a servlet or jsp isinvoked using a hyperlink in the page.
D.	If a servlet or jsp invoked if when form submits.
Answer	**optionb**
Marks:	**2**
315	**Which of the following method is used to retrive icon of JButton**
A.	Icon getIcon()
B.	ImageIcon getImageIcon()
C.	ImageIcon GetIcon()
D.	ImageIcon GetImageIcon()
Answer	**optiona**
Marks:	**1**
316	**What is default alignment of components using FlowLayout**
A.	FlowLayout.RIGHT
B.	FlowLayout.CENTER
C.	FlowLayout.LEFT
D.	FlowLayout.MIDDLE
Answer	**optionb**
Marks:	**1**
317	**What is the minimum and maximum of JProgressBar**

A.	`minimum -1                    Maximum -100`
B.	`minimum -10              Maximum -100`
C.	`minimum -50              Maximum -100`
D.	`minimum -0           Maximum -100`
Answer	**optiond**
Marks:	**1**
318	**Which event is generated by List**
A.	`ItemEvent`
B.	`ActionEvent`
C.	`WindowEvent`
D.	`Both A and B`
Answer	**optiond**
Marks:	**1**
319	**Which of the following Listeners have their Adapter class**
A.	`ActionListener`
B.	`ItemListener`
C.	`WindowListener`
D.	`AdjustmentListener`
Answer	**optionc**
Marks:	**1**
320	**public void mouseMoved(MouseEvent me) is method of _____**
A.	`MouseListener`
B.	`MouseMotionListener`
C.	`WindowListener`
D.	`ActionListener`
Answer	**optionb**
Marks:	**1**
321	**Permission class of java.security package is _____ class**
A.	`static`
B.	`abstract`
C.	`interface`
D.	`final`
Answer	**optionb**
Marks:	**1**

322	Which of the following are class
A.	ServletContext
B.	Servlet
C.	GenericServlet
D.	ServletRequest
Answer	**optionc**
Marks:	**1**
323	Which Layout is used in following o/p
A.	GridLayout
B.	FlowLayout
C.	GridBagLayout
D.	BorderLayout
Answer	**optionc**
Marks:	**2**

324	Which checkbox will be selected in the following code (Assume with main and added to a Frame)
	        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);

A.	cb1
B.	cb2,cb1
C.	cb1,cb2,cb3
D.	cb3
Answer	**optiond**
Marks:	**2**

325	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);

A.	First,Second,Third,Fourth
B.	First,Second,Lastadded,Third
C.	Lastadded,First,Second,Third
D.	First,Second,Third,Lastadded
Answer	**optionb**
Marks:	**2**
326	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){}
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);
}
}
```

A.	import java.awt.event.*;
B.	addWindowListener(this);
C.	public void windowOpened(WindowEvent we){}
D.	All of Above
Answer	**optiond**
Marks:	2

327	What is default value of session attribute in JSP
A.	<%@ page session="true" %>
B.	<%@ page session="false"%>
C.	<%@ page session="yes" %>
D.	<%@ page session="no"%>
Answer	**optiona**
Marks:	2

328	To Send binary output in the response ,the following method of HttpServletResponse may be used to get the appropriate Writer/Strea
A.	getStream()
B.	getOutputStream()
C.	getBinaryStream()
D.	getWriter()
Answer	**optionb**
Marks:	2

329	Select the missing statement in the following program for following output

```
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);
}}
```

A.	mb.add(open);
B.	Menu nw1;
C.	nw1.add(nw);
D.	nw.add(nw1);
Answer	**optiond**
Marks:	**2**

| 330 | 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());}} |

A.	No Item from list can be selected
B.	Selected item will be displayed in textfield
C.	Selected Item will be displayed on applet window
D.	Text of textfield is added to list
Answer	**optionb**
Marks:	**2**

| 331 | 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);
}}}
```

A.	Program will not execute
B.	Program will append the selected item in text area when list item is double clicked
C.	Program will append the selected item in text area when item from list is selected
D.	Program will add text of textarea to list
Answer	**optionb**
Marks:	**2**

| 332 | ```
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);
}}
``` |
|---|---|

A.	adjustmentChanged(AdjustmentEvent e)
B.	adjustmentValueChanged(ItemEvent e)
C.	adjustmentValueChanged(AdjustmentEvent e)
D.	ItemStateChanged(AdjustmentEvent e)
Answer	**optionc**
Marks:	**2**

| 333 | ```
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");
``` |
|---|---|

```java
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());
}}}}
```

A.	"<" is pressed item from list1 is added to list2
B.	"<" is pressed item from list2 is added to list1
C.	"<" is pressed text from textfield list1 is added to list2
D.	"<" is pressed text from textfield is added to list1
Answer	**optiona**
Marks:	**2**

334	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!");` `}}`
A.	`String sql = "INSERT INTO Registration "+"VALUES (100, 'Zara', 'Ali', 18)";` `        stmt.executeUpdate(sql);`
B.	`String sql = "udpate INTO Registration "+"VALUES (100, 'Zara', 'Ali', 18)";` `        stmt.executeUpdate(sql);`
C.	`String sql = "udpate INTO Registration "+"VALUES (100, 'Zara', 'Ali', 18)";` `        stmt.executeQuery(sql);`
D.	None of these
Answer	**optiona**
Marks:	**2**

335	Which of the following statement should be inserted to display contents of last record and where that statement should be insert
	`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!");}}`

A.	After line no 13 conn.last()
B.	Before line no 13 conn.last()
C.	After line no 13 rs.last()
D.	Before line no 13 rs.last()
Answer	**optionc**
Marks:	**2**
336	………….are responsible for placing components on a window
A.	Controls
B.	EventHandler
C.	LayoutManagers
D.	both b&c
Answer	**optionc**
Marks:	**1**
337	We can add menus to _____
A.	Applets
B.	Frames
C.	both a& b
D.	neither a& b

Answer	**optionb**
Marks:	**1**
338	**Plugable Look & Feel is the feature of**
A.	AWT
B.	Swing
C.	Canvas
D.	Window
Answer	**optionb**
Marks:	**1**
339	**FileDialog is which kind of dialog box?**
A.	Floating
B.	Modaltype
C.	Modeless type
D.	both a& b
Answer	**optionb**
Marks:	**1**
340	**Event Listeners are_____**
A.	Classes
B.	Interfaces
C.	Abstract Classes
D.	Adapter Classes
Answer	**optionb**
Marks:	**1**
341	**TextField generates which events**
A.	ActionEvent,ItemEvent
B.	ActionEvent,TextEvent
C.	ScrollEvent,TextEvent
D.	ActionEvent,ScrollEvent
Answer	**optionb**
Marks:	**1**
342	**Adapter Class provides_____**
A.	Empty implementation of all methods of a listener
B.	Emplemantation of threads
C.	A way to handle threads

D.	both b&c
Answer	**optiona**
Marks:	**1**
343	**Which class is used to create client in TCP/IP?**
A.	ServerSocket
B.	DatagramPacket
C.	Socket
D.	InetAddress
Answer	**optionc**
Marks:	**1**
344	**_____class is used to access the attributes of a remote host.**
A.	URL
B.	URLConnection
C.	Socket
D.	InetAddress
Answer	**optionb**
Marks:	**1**
345	**In UDP send() and receive() methods belong to which class?**
A.	Socket
B.	ServerSocket
C.	DatagramSocket
D.	DatagramPacket
Answer	**optionc**
Marks:	**1**
346	**Which driver provides JDBC API access via one or more ODBC drivers**
A.	ODBC driver
B.	JDBC-ODBC bridge driver
C.	Native API partly java driver
D.	JDBC driver
Answer	**optionb**
Marks:	**1**
347	**Which tag is used to declare one or more variables or methods**
A.	<%!-----%>
B.	<%= ---%>

C.	`<%     %>`
D.	`<%@      %>`
Answer	**optiona**
Marks:	**1**
348	**Which swing components use ListSelectionModel**
A.	JList and JTree
B.	JList and JTable
C.	Jtree and Jtable
D.	JtabbedPane and Jtree
Answer	**optionb**
Marks:	**2**
349	**Which componenet is needed to get the following output?**
A.	JScrollBar ,imageIcon
B.	JScrollPane,Icon
C.	JTabbedPane
D.	ScrollBar
Answer	**optionb**
Marks:	**2**

350	**Select the missing statements at --------------------in bellow program**
	``
	import java.awt.*;
	import java.awt.event.*;
	import java.applet.*;
	/*<applet code=keydemo width=400 height=400>
	</applet>*/
	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);
	}
	}	

A.	addKeyListener(this);	
B.	i=e.getKeyCode();	
C.	Only A	
D.	both A and B	
Answer	**optiond**	
Marks:	**2**	
351	**Which are the methods of MouseMotionListener**	
A.	void mouseMoved(MouseEvent e) , void mouseDragged(MouseEvent e)	
B.	void mousePressed(MouseEvent e), void mouseMoved(MouseEvent e)	
C.	void mouseWheelMoved(MouseEvent e)	
D.	void mouseWheelMoved(MouseEvent e), void mouseMoved(MouseEvent e),	
Answer	**optiona**	
Marks:	**2**	
352	**Which constructors of DatagramPacket class are used for receiving purpose?**	
A.	DatagramPacket(byte data[],int size) DatagramPacket((byte data[],int offset,int size)	
B.	DatagramPacket(byte data[],int size,InetAddress ipaddr,int port), DatagramPacket((byte data[],int offset,int size,Ine	
C.	DatagramPacket(byte data[],int size) DatagramPacket(byte data[],int size,InetAddress ipaddr,int port)	
D.	All	
Answer	**optiond**	
Marks:	**2**	
353	**To set the parameters in PreparedStatement which methods are used?**	
A.	setXXX(int index,value) here XXX indicates datatype like Int,String	
B.	setObject(int parameterindex,object x)	
C.	setValue()	
D.	both a& b	
Answer	**optiond**	
Marks:	**2**	
354	**What the ServletContainer does?**	
A.	Provides the Runtime environment for servlets.	
B.	Destroys the Servlet	
C.	Provides the information about servlet environment	

D.	It gives the Configuration data
Answer	**optiona**
Marks:	**2**
355	**To declare the variables in JSP which tag is used**
A.	ScriptLet tag
B.	Declaration Tag
C.	Action Tag
D.	Directive Tag
Answer	**optionb**
Marks:	**2**

356	**Which statements are missing in following program to get the output as shown in fig**
	`/*<applet code=GridBagDemo width=300 height=300>`
	`</applet>*/`
	`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);`
	`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);`
	`}`
	`}`

A.	c=new GridBagConstraints();
B.	setLayout(gdb);
C.	setLayout(new GridLayout(4,4));
D.	both a& b
Answer	**optiond**
Marks:	**2**

357	**Consider the following program and find out the method which is wrong and correct it**
	`/*<applet code=TextAreaDemo width=300 height=300>`
	`</applet>*/`
	`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");
}
}
```

A.	The method public void valueChanged(TextEvent e) is wrong it should be public void textValueChanged(TextEvent e)
B.	The method public void focusLost(FocusEvent e) is wrong it should be public void lostFocus(FocusEvent e)
C.	The method public void valueChanged(TextEvent e) is wrong it should be public void textChanged(TextEvent e)
D.	Nothing is wrong
Answer	**optionc**
Marks:	**2**

| 358 | Which statements are missing in following program
 /*<applet code=ScrollRGB 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);
}
} |

A.	add(blue);
B.	add(blue); red.addAdjustmentListener(this);
C.	red.addAdjustmentListener(this);
D.	Nothing is missing.
Answer	**optionb**

Marks:	**2**

<table>
<tr><td rowspan="1">359</td><td>

```
What is wrong in below program
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
/*<applet code=adaptdemo width=400 height=400>
</applet>*/
public class adaptdemo extends Applet
{
public void init()
{
addKeyListener(new keydemo());
}
class keydemo extends MouseAdapter
{
public void keyTyped(KeyEvent e)
{
showStatus("pressed"+e.getKeyChar()+"key");
}
}
}
```
</td></tr>
</table>

A.	The adaptdemo class should extends KeyAdapter
B.	The adaptdemo class should implement KeyListener interface
C.	The keydemo class should extends KeyAdapter
D.	The keydemo class should implement KeyListener interface
Answer	**optionc**
Marks:	**2**

<table>
<tr><td rowspan="1">360</td><td>

```
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));
}
}
}
```
</td></tr>
</table>

A.	System.out.println("Name "+res.getInt(1)+" Roll_NO "+res.getInt(2)+" per "+res.getInt(3)); should be System.out.pr
B.	System.out.println("Name "+res.getInt(1)+" Roll_NO "+res.getInt(2)+" per "+res.getInt(3)); should be System.out.pr
C.	System.out.println("Name "+res.getInt(1)+" Roll_NO "+res.getInt(2)+" per "+res.getInt(3)); should be System.out.pr
D.	System.out.println("Name "+res.getInt(1)+" Roll_NO "+res.getInt(2)+" per "+res.getInt(3)); should be System.out.pr
Answer	**optiona**
Marks:	**2**

<table>
<tr><td>361</td><td>

```
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");
```
</td></tr>
</table>

```
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));
}
}
}
```

A.	`s1=con.createStatement();`
B.	`s1=con.prepareStatement();`
C.	`s1=createStatement();`
D.	`s1=prepareStatement();`
Answer	**optiona**
Marks:	**2**

362	Which statements are wrong in below 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));`
	`}`
	`}`
	`}`

A.	`Class.forName("jdbc:odbc:studdsn");` `Connection con=DriverManager.getConnection("sun.jdbc.odbc.Jdb`
B.	`st=con.prepareStatement("insert into  student values(?,?,?) ");`
C.	`st.executeUpdate();`
D.	`res=s1.executeQuery("select * from student");`
Answer	**optiona**
Marks:	**2**

363	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));
}
}
}
```

A.	st.execute();
B.	st.executeUpdate();
C.	st.executeQuery();
D.	st.update();
Answer	**optionb**
Marks:	**2**
364	**Which Among the below is not an AWT class**
A.	Checkbox
B.	RadioButton
C.	Button
D.	CheckboxGroup
Answer	**optionb**
Marks:	**1**
365	**_____ can be used to enter and display a string**
A.	A Label
B.	A Button
C.	A Checkbox
D.	A TextField
Answer	**optiond**
Marks:	**1**
366	**_____ Layout lays components in a Two Dimensional Grid**
A.	BorderLayout
B.	GridLayout
C.	FlowLayout
D.	CardLayout

Answer	**optionb**	
Marks:	**1**	
367	**Which of these methods is used to get x coordinate of the mouse**	
A.	getX()	
B.	getXCoordinate()	
C.	getCoordinateX()	
D.	getPointX()	
Answer	**optiona**	
Marks:	**1**	
368	**A _____ is an object that is notified when an event occurs**	
A.	Listener	
B.	Sources	
C.	Events	
D.	None	
Answer	**optiona**	
Marks:	**1**	
369	**What is the optional part of URL Address**	
A.	Host Name	
B.	Port Number	
C.	File Path	
D.	Protocol	
Answer	**optionb**	
Marks:	**1**	
370	**Which of the following are Factory Methods of InetAddress class**	
A.	getLocalHost()	
B.	getByName()	
C.	getAllByName()	
D.	All the Above	
Answer	**optiond**	
Marks:	**1**	
371	**UDP Protocol uses following classes for communication**	
A.	Socket & ServerSocket	
B.	DatagramPacket and DatagramSocket	
C.	Both a And B	

D.	none
Answer	**optionb**
Marks:	**1**
372	**Which among the below is not an interface of java.sql Package**
A.	Statement
B.	PreparedStatement
C.	CallableStatement
D.	ResultSetStatement
Answer	**optiond**
Marks:	**1**
373	**JSDK stands for**
A.	Java Server Development Kit
B.	Java Servlet Development Kit
C.	Java Server Develop Kit
D.	Java Servlet Develop Kit
Answer	**optionb**
Marks:	**1**
374	**Which among the below is the class of javax.servlet package**
A.	Servlet
B.	ServletResponse
C.	GenericServlet
D.	ServletRequest
Answer	**optionc**
Marks:	**1**
375	**Name a class that includes the getSession() method that is used to get the HttpSession**
A.	HttpServletRequest
B.	HttpServletResponse
C.	SessionContext
D.	SessionConfig
Answer	**optiona**
Marks:	**1**
376	**Which components are used in following output**
A.	Label,List,Button
B.	Label,TextArea,Button

C.	TextArea , Button
D.	List,Button
Answer	**optionb**
Marks:	**2**
377	**Which of these Events will be notified if scroll bar is manipulated**
A.	ActionEvent
B.	ComponentEvent
C.	AdjustmentEvent
D.	WindowEvent
Answer	**optionc**
Marks:	**2**
378	**Which Event is generated when a component is added to or removed from a container**
A.	ComponentEvent
B.	ContainerEvent
C.	FocusEvent
D.	InputEvent
Answer	**optionb**
Marks:	**2**
379	**PrepareStatement() method is of _____ interface**
A.	Connection
B.	Statement
C.	ResultSet
D.	Driver
Answer	**optiona**
Marks:	**2**
380	**Which among the below are methods of Servlet Interface**
A.	init()
B.	service()
C.	destroy()
D.	All are methods above are of Servlet Interface
Answer	**optiond**
Marks:	**2**
381	**_____ method is used to Return the value of the Parameter named pname**
A.	getParameterNames(pname)

B.	getParameterName(pname)
C.	getParameterValues(pname)
D.	Both A and B
Answer	**optionb**
Marks:	**2**

382	What is missing statement here ------------------
	
	``java
	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);
	 }
	 }
	``

A.	`jb1.addActionListener(this);`
	`jb3.addActionListener(this);`
	`jb2.addActionListener(this);`

B.	`jb2.addActionListener(this);`
	`jb3.addActionListener(this);`
	`jb1.addActionListener(this);`

C.	`jb1.addActionListener(this);`
	`jb2.addActionListener(this);`
	`jb3.addActionListener(this);`

D.	All of the above
Answer	**optiond**
Marks:	**2**

383	Select the missing statement in the program
	
	``java
	import java.awt.*;
	import java.awt.event.*;
	import javax.swing.*;
	``

```
/*
<applet code="combodemo" width=300 height=100>
</applet>
*/
public class combodemo extends JApplet
implementsItemListener
 {
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"));
}
}
```

A.	`jl = new JLabel(new ImageIcon("star.gif"));`
B.	`jl = new JLabel("star.gif");`
C.	`jl = JLabel( ImageIcon("star.gif"));`
D.	`JLabel(new ImageIcon("star.gif"));`
Answer	**optiona**
Marks:	**2**

| 384 | Consider the following output. Find the missing statement in the program.<br><br>```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
import javax.swing.*;
/*
<applet code="SimpleKey1" width=300 height=100>
</applet>
*/
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);
     }
}
``` |
| --- | --- |

A.	`paint();`
B.	`paintGraphics()`
C.	`repaint();`
D.	None of these

Answer	**optionc**
Marks:	**2**

385	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 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();
	}
	}

A.	Display All the Records of StudTable
B.	Update the Records of StudTable
C.	Insert the Records of StudTable
D.	Create a Table StudTable and display it's Records
Answer	**optiona**
Marks:	**2**

386	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();
	}
	}

A.	s.executeUpdate()
B.	c.createStatement( )
C.	s.close()
D.	c.close()
Answer	**optiona**
Marks:	**2**

387	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();
}
}
```

A.	Riya will be inserted in first column and 17 will be inserted in second column
B.	17 will be inserted in first column and Riya will be inserted in second column
C.	only 17 will be inserted in second column
D.	only Riya will be inserted in first column
Answer	**optiona**
Marks:	**2**

388	**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);** **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);** **}** **}**
A.	Missing semicolon
B.	Missing package statement
C.	Missing initialization
D.	None of the above
Answer	**optionb**
Marks:	**2**

389	**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)** **throwsServletException, IOException** **{** **response.setContentType("text/html");** **String p1=req.getParameter("T1");** **String p2=req.getParameter("T2");** **pw.print(p1);** **pw.print(p2);** **pw.close();** **}** **}**
A.	Missing semicolon
B.	Missing Object of PrintWriter
C.	Missing Header File

D.	None of the above
Answer	**optionb**
Marks:	**2**

390	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("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();`
	`}`
	`}`

A.	cookie
B.	"cookie"
C.	data
D.	cookies
Answer	**optiona**
Marks:	**2**

391	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)` `throwsServletException, 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);` `}` `}`
A.	Display the Last Session Date
B.	Display the Current Date
C.	Display the Last Session Date and the Current Date
D.	None of the above
Answer	**optionc**
Marks:	**2**

392	Which class is used to represent a single line textbox with password character facility?
A.	TextField
B.	TextArea

C.	Label
D.	Checkbox
Answer	**optiona**
Marks:	**1**
393	**Which of the following is not valid alignment constant for Label?**
A.	CENTER
B.	LEFT
C.	RIGHT
D.	MIDDLE
Answer	**optiond**
Marks:	**1**
394	**_____ class is used to display hierarchical data.**
A.	JTable
B.	Jpanel
C.	JTree
D.	JApplet
Answer	**optionc**
Marks:	**1**
395	**Which of the following is not valid style constant for Font?**
A.	BOLD
B.	ITALIC
C.	NORMAL
D.	PLAIN
Answer	**optionc**
Marks:	**1**
396	**Which of the following is not true about Swing Components?**
A.	Pluggable look and feel
B.	Heavy weight components
C.	ToolTips
D.	Border and Icon support
Answer	**optionb**
Marks:	**1**
397	**Which of the following is not valid constructor for JCheckBox?**
A.	JCheckBox()

B.	JCheckBox(String text)
C.	JCheckBox(String text, boolean selected, CheckboxGroup group)
D.	JCheckBox(Icon icon)
Answer	**optionc**
Marks:	**1**
398	**The following method is an abstract method of TextListener interface.**
A.	actionPerformed(ActionEvent obj)
B.	textChanged(TextEvent obj)
C.	itemStateChanged(ItemEvent obj)
D.	adjustmentValueChanged(AdjustmentEvent obj)
Answer	**optionb**
Marks:	**1**
399	**Which constant is define by ItemEvent?**
A.	ITEM_CHANGED_STATE
B.	ITEM_CHANGE_STATE
C.	ITEM_STATE_CHANGE
D.	ITEM_STATE_CHANGED
Answer	**optiond**
Marks:	**1**
400	**The factory method for retrieving objects of InetAddress is _____.**
A.	getByName(String hostname)
B.	getAllByName(String hostname)
C.	getLocalHost()
D.	All of the mentioned
Answer	**optiond**
Marks:	**1**
401	**Connection oriented communication is possible using _____classes of Java.**
A.	Socket and ServerSocket
B.	DatagramSocket and DatagramPacket
C.	All of the mentioned
D.	None of the mentioned
Answer	**optiona**
Marks:	**1**
402	**The valid sequence for URL format is _____**

A.	Hostname, protocol, portnumber, filepath
B.	protocol, Hostname, portnumber, filepath
C.	Hostname, portnumber, protocol, filepath
D.	protocol, port number, Hostname, filepath
Answer	**optionb**
Marks:	**1**
403	**_____ method of DatagramSocket class is used to receive DatagramPacket.**
A.	receive(InetAddress port)
B.	send(DatagramPacket packet)
C.	receive(DatagramPacket packet)
D.	connect(InetAddress address, int portnumber)
Answer	**optionc**
Marks:	**1**
404	**The valid constant to represent ResultSet type is _____**
A.	TYPE_FORWARD_ONLY
B.	TYPE_SCROLL_SENSITIVE
C.	TYPE_SCROLL_INSENSITIVE
D.	All of the mentioned
Answer	**optiond**
Marks:	**1**
405	**_____ interface represents the comprehensive information about the database package.**
A.	DatabaseMetaData
B.	ResultSetMetaData
C.	ParameterMetaData
D.	All of the mentioned
Answer	**optiona**
Marks:	**1**
406	**Session management is possible using _____**
A.	URL Rewriting
B.	Cookies
C.	HttpSession
D.	All of the mentioned
Answer	**optiond**
Marks:	**1**

407	Following method is not valid life cycle method of JSP
A.	jspInit()
B.	_jspService()
C.	jspStop()
D.	jspDestroy()
Answer	**optionc**
Marks:	**1**
408	Which components are required to display following output?
A.	Frame, Label, TextField, Button
B.	Frame, TextField, Checkbox, Button
C.	Frame, Label, CheckboxGroup, Button
D.	Frame, List, Label, Button
Answer	**optionc**
Marks:	**2**

409	**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();
	 }
	
	}
	``

A.	import java.awt.event.*;
B.	implements WindowListener
C.	addWindowListener(this);
D.	All of the mentioned
Answer	**optiond**

Marks:	**2**
410	**Which of the following methods of ItemListener must be overriden in order to handle ItemEvent?**
A.	public void itemStateChanged(ItemEvent obj)
B.	public void itemChanged(ItemEvent obj)
C.	public void actionPerformed(ActionEvent obj)
D.	public void addItemListener(ItemListener obj)
Answer	**optiona**
Marks:	**2**
411	**Which of the following statements is true about MouseMotionListener?**
A.	import java.awt.event package.
B.	use method addMouseMotionListener(MouseMotionListener obj)
C.	override mouseMoved(MouseEvent obj) and mouseDragged(MouseEvent obj) methods
D.	All of the mentioned
Answer	**optiond**
Marks:	**2**
412	**Identify the valid ServerSocket constructor.**
A.	public ServerSocket(String hostname, int portno)
B.	public ServerSocket(InetAddress hostaddress, int portno)
C.	public ServerSocket(int port,int maxQueue,InetAddress localaddress)
D.	All of the mentioned
Answer	**optionc**
Marks:	**2**
413	**Identify the valid method of URL class.**
A.	public String getProtocol()
B.	public String getHost()
C.	public String getFile()
D.	All of the mentioned
Answer	**optiond**
Marks:	**2**
414	**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...");
  }
}
```

A.	import java.net.*;
B.	ds.send(dp);
C.	A & B
D.	None of the mentioned
Answer	**optionc**
Marks:	**2**
415	**DriverManager class does not provides methods for _____**
A.	Registering and deregistering database driver
B.	Retrieving Connection with database specified by DSN in jdbc url
C.	Executing sql statement and retrieving results
D.	All of the mentioned
Answer	**optionc**
Marks:	**1**
416	**Select advantage of JSP from the following -**
A.	JSP allows embedding Dynamic Elements in HTML Pages.
B.	JSP are always compiled before it is processed by the server.
C.	JSP is used in combination with servlets to handle business logic.
D.	All of the mentioned
Answer	**optiond**
Marks:	**2**
417	**The following method of HttpServlet is invoked in response to HTTP POST request.**
A.	doGet()
B.	doPost()
C.	doTrace()
D.	doPut()
Answer	**optionb**
Marks:	**2**
418	**Which statement is required in order to complete the following program code?**

	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("<h1>" + message + "</h1>");
}

public void destroy()
{
    // do nothing.
}
}
```

A.	`PrintWriter out = response.getWriter();`
B.	`PrintWriter out= new PrintWriter();`
C.	`OutputStream out= response.getOutputSream();`
D.	`BufferedOutputStream out = response.getOutputStream();`
Answer	**optiona**
Marks:	**2**

419	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 b;```
	``` 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);```
	``` }```
	```}```

A.	```public void actionPerformed(ActionEvent obj)```
	```{```
	``` int n = Integer.parseInt(number.getText());```
	``` result.setText("Square="+(n*n));```
	```}```

B.	```public void itemStateChanged(ItemEvent obj)```
	```{```
	``` int n = Integer.parseInt(number.getText());```
	``` result.setText("Square="+(n*n));```
	```}```

C.	```public void actionPerformed(ActionEvent obj)```
	```{```
	``` int n = Integer.parseInt(number.getText());```
	``` result.setText("Cube="+(n*n*n));```
	```}```

D.	```public void actionPerformed(ActionEvent obj)```
	```{```
	``` int n = Integer.parseInt(number.getText());```
	``` result.setText("Square="+(n*n*n));```
	```}```

Answer	**optiona**
Marks:	**2**

420	**getKeyChar() and getKeyCode() methods belongs to _____**

A.	KeyListener interface
B.	KeyEvent class
C.	TextEvent class
D.	ItemEvent class
Answer	**optiona**
Marks:	**2**

421	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();
	        }
	    }
	}
	``

A.	waits for client request at 2000 port number and accepts welcome message from all clients
B.	waits for client request at 2000 port number and sends welcome message to all clients
C.	All of the mentioned
D.	None of the mentioned
Answer	**optionb**
Marks:	**2**

422	Suggest corrections in the following program segment
	
	``
	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...");
	 }
	}
	``

A.	public static void main(String args[]) throws SQLException
B.	public static void main(String args[]) throws IOException DriverManager.getConnection("student");
C.	public static void main(String args[]) throws SQLException DriverManager.getConnection("jdbc:odbc:mydsn");
D.	public static void main(String args[]) throws JdbcURLException
Answer	**optionc**
Marks:	**2**

423	``` 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:mydsn");
  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...");
 }
}
```

A.	this program will not change branch codes of all students from 'CO' to 'CM'.
B.	this program will change table name of student from 'CM' to 'CO'.
C.	this program will change column name of student table from 'CM' to 'CO'.
D.	this program will change branch codes of all students from 'CO' to 'CM'.
Answer	**optiond**
Marks:	**2**
424	The method - "public DatabaseMetaData getMetaData()" - belongs to the Interface _____
A.	PreparedStatement interface
B.	ResultSet interface
C.	Statement interface
D.	Connection interface
Answer	**optiond**
Marks:	**2**
425	Valid constant to set ResultSet as Scrollable is _____
A.	ResultSet.TYPE_FORWARD_ONLY
B.	ResultSet.TYPE_SCROLL_SENSITIVE
C.	ResultSet.TYPE_SCROLL_INSENSITIVE
D.	Both B and C
Answer	**optiond**
Marks:	**2**
426	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 _____
A.	<%@ page ... %> <%@ include ... %> <%@ taglib ... %>
B.	<%@ page ... %> <%@ import ... %> <%@ taglib ... %>
C.	<%@ page ... %> <%@ command ... %> <%@ taglib ... %>
D.	<%@ page ... %> <%@ include ... %> <%@ import ... %>

Answer	**optiona**
Marks:	**2**
427	**Which of the following creates a List with 5 visible items and multiple selection enabled?**
A.	new List(true, 5)
B.	new List(5, true)
C.	new List(5, false)
D.	new List(false,5)
Answer	**optionb**
Marks:	**1**
428	**Which method will cause a Frame to be displayed?**
A.	paint( )
B.	setVisible(true)
C.	display( )
D.	setVisible(false)
Answer	**optionb**
Marks:	**1**
429	**Which of the following components allow multiple selections?**
A.	Combo box
B.	Radio buttons
C.	Choice
D.	List
Answer	**optiond**
Marks:	**1**
430	**Which layout should you use to organize the components of a container in a tabular form?**
A.	CardLayout.
B.	BorderLayout.
C.	FlowLayout.
D.	GridLayout
Answer	**optiond**
Marks:	**1**
431	**Which method is used to set the layout of the Applet?**
A.	setLayoutManager();
B.	setLayout();
C.	setGridLayout();

D.	setBorderLayout();
Answer	**optionb**
Marks:	**1**
432	**Which of these methods is used to obtain the object that generated a ComponentEvent.**
A.	getMethod()
B.	getComponent()
C.	getContainerEvent()
D.	getContainerObject()
Answer	**optionb**
Marks:	**1**
433	**Which of these methods is used to get Y coordinate of the mouse?**
A.	getPointY()
B.	getY()
C.	getCoordinate()
D.	getCoordinateY()
Answer	**optionb**
Marks:	**1**
434	**Which class is used to access actual bits or content information of a URL?**
A.	URL
B.	URLDecoder
C.	URLConnection
D.	All of the above
Answer	**optionc**
Marks:	**1**
435	**For execution of SELECT SQL query in JDBC, _____ method must be used.**
A.	executeQuery()
B.	executeUpdate()
C.	executeBatch()
D.	executeSELECT()
Answer	**optiona**
Marks:	**1**
436	**Callable statement object in JDBC is used to execute a call to**
A.	stored procedure
B.	called procedure

C.	simple procedure
D.	High Level procedure
Answer	**optiona**
Marks:	**1**
437	**Name the interface which is used to get initialization parameters for Servlet**
A.	Servlet
B.	ServletRequest
C.	ServletContext
D.	ServletConfig
Answer	**optiond**
Marks:	**1**
438	**Which is the correct constructor for JProgressBar**
A.	JProgressBar()
B.	JProgressBar(int orient)
C.	JProgressBar(int min, int max)
D.	All of the above
Answer	**optiond**
Marks:	**1**

439	**Select the missing statement in given code**
	``java
	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();
	}
	}
	``

A.	addActionListener(b);
B.	b.addActionListener();
C.	b.addActionListener(this);
D.	addActionListener(this);
Answer	**optionc**
Marks:	**2**

	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 );
 }
}
``` |

440 (row label)

| A. | ```
table = new  JTable( dataValues);

  scrollPane = new JScrollPane( table );
``` |
|---|---|
| B. | ```
table = new JTable( dataValues, columnNames );

  scrollPane = new JScrollPane( table );
``` |
| C. | ```
table = new Jtable(data, column);

 scrollPane = new JScrollPane( table );
``` |
D.	None of the above
Answer	**optionb**
Marks:	**2**

441	**Select the method which throws UnKnownHostException**
A.	static InetAddress getLocalHost()
B.	static InetAddress getByName(String hostName)
C.	static InetAddress[ ] getAllByName(String hostName)
D.	All of the above
Answer	**optiond**
Marks:	**2**

442	**Select the proper constructor of the Socket class**
A.	Socket(String host, int port)
B.	Socket(int port)

C.	`Socket(InetAddress ipAddress)`
D.	`Socket(String hostName)`
Answer	**optiona**
Marks:	**2**
443	**Which is not a Navigation method of ResultSet interface**
A.	`next()`
B.	`last()`
C.	`beforeLast()`
D.	`beforeFirst()`
Answer	**optionc**
Marks:	**2**
444	**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 ⎸ that browser?**
A.	`HttpSession`
B.	`URL rewriting`
C.	`Cookies`
D.	`Hidden from Fields`
Answer	**optionc**
Marks:	**2**
445	**Difference 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.**
A.	`All above are valid differences`
B.	`Only A and B`
C.	`Only C and D`
D.	`A, B, C are valid diffrences.`
Answer	**optiona**
Marks:	**2**
446	```//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);

}
}
/*<applet code="TreeExample" width=300 height=300>
</applet>*/
``` |
A.	Error in statement in which Vegetables node is created
B.	Error in statement in which JTree is created
C.	Error in statement in which applet tag is declared
D.	None of the above
Answer	**optionb**
Marks:	**2**
| **447** | ```
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);

}
}
/*<applet code="JListDemo" width=300 height=300>
</applet>*/
``` |
A.	java JListDemo
B.	java JListDemo.java
C.	appletviewer JListDemo.java
D.	None of the above
Answer	**optionc**
Marks:	**2**
| **448** | ```
Consider the following output. Find the missing statement in the program.
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 = 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);
            }
```

A.	`public void mouseExited(MouseEvent e) {`
	`                strEvent = "MouseExited";`
	`                x = e.getX();`
	`                y = getY();`
	`                repaint();`
	`        }`

B.	`public void mouseEntered(MouseEvent e) {`
	`                strEvent = "MouseEntered";`
	`                x = e.getX();`
	`                y = getY();`
	`                repaint();`
	`        }`

C.	`public void mousePressed(MouseEvent e) {`
	`                strEvent = "MousePressed";`
	`                x = e.getX();`
	`                y = getY();`
	`                repaint();`
	
	`        }`

D.	all of the Above
Answer	**optiond**
Marks:	**2**

449	`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);`
	`}`
	`}`
	`}`

A.	`addComponentListener()`
B.	`addContainerListener()`
C.	`addWindowListener()`
D.	`addActionListener()`
Answer	**optionc**
Marks:	**2**

450	`Consider the following code and identify the error.` `import java.awt.*;`

```
import javax.swing.*;
import javax.swing.JScrollPane;
/*<applet code="JScrollPane1" width=150 height=150>
</applet>
*/
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<5;i++)
{
for(int j=0;j<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);
}
}
```

A.	Error in applet tag

B.	Error in package statement

C.	Error in statement scrollpane is created

D.	Error in statement panel is created

Answer	**optionc**

Marks:	**2**

451	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);
	
	    }
	}

A.	Missing semicolon

B.	Missing {

C.	Missing }

D.	Missing statement

Answer	**optionc**

Marks:	**2**

452	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);
        }
    }
}
```

A.	Missing semicolon

B.	Missing {

C.	Missing }

D.	Missing statement

Answer	**optiona**

Marks:	**2**

453	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");
	            Statement stmt = con.getStatement();
	            stmt.executeUpdate("delete from student");
	            con.close();
	        } catch (ClassNotFoundException e) {
	            System.out.println(e);
	        } catch (SQLException e) {
	            System.out.println(e);
	        }
	    }
	}

A.	Error in main()

B.	Error in close()

C.	Eror in creation of connection object

D.	Error in creation of Statement object

Answer	**optiond**

Marks:	**2**

454	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);
                     }
                 }
             }
```

A.	Missing semicolon
B.	Missing {
C.	Missing }
D.	Missing statement
Answer	**optionc**
Marks:	**2**

455	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);`
	`        }`
	`    }`
	`}`

A.	stmt.executeUpdate()
B.	con.createStatement()
C.	con.close()
D.	stmt.close()
Answer	**optionb**
Marks:	**2**

456	Choose missing statements in following code from given options.
	`public class ColorGetSevlet extends HttpServlet`
	`{`
	`public void doGet(HtttpServletRequest request, HttpServletRespose response) throws ServletException, IOException`
	`{`
	`String color=request.getParameter("color");`
	`Respose.setContentType("text/html");`
	`PrintWriter pw=response.getWriter();`
	`pw.println("<B>The selected color is:");`
	`pw.println(color);`
	`pw.close();`
	`}`
	`}`

A.	import java.io.*;import java.util.*;import javax.servlet.*;

B.	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;
C.	import javax.servlet.http.*; import java.String.*; import java.Vector;
D.	import javax.servlet.http.*; import java.Thread.*; import javax.Client.*;
Answer	**optionb**
Marks:	**2**
457	**Consider the following program and identify the missing statement.** **public class Hellot extends HttpServlet{** **public void 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("<HTML>");** **out.Println("<HEAD><TITLE>Hello,"+name+</TITLE></HEAD>");** **out.Println("<BODY>");** **out.Println("Hello,"+name);** **out.Println("</BODY></HTML>");** **}** **}**
A.	Missing semicolon
B.	Missing package statement
C.	Missing initialization
D.	None of the above
Answer	**optionb**
Marks:	**2**
458	**_____method returns a reference to the component that was added to or removed from the container.**
A.	getContainer()
B.	getChild()
C.	getValue()
D.	None of these
Answer	**optionb**
Marks:	**1**
459	**Which of these methods is defined in ContainerListener interface?**
A.	componentResized()
B.	componentAdded()
C.	componentShown()
D.	componentHidden()
Answer	**optionb**
Marks:	**1**
460	**Type 1 driver is also known as**
A.	JDBC-Native API
B.	JDBC-ODBC Bridge Driver

C.	JDBC-net pure java
D.	Noe of these
Answer	**optionb**
Marks:	**1**
461	**By which method You can set or change the text in a Label?**
A.	setText()
B.	getText()
C.	Both A & B
D.	None of the above
Answer	**optiona**
Marks:	**2**

462	**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());
	        }
	}
	``

A.	MouseListener()
B.	ItemListener
C.	Action Listener
D.	AdjustmentListener
Answer	**optiona**
Marks:	**2**

463	**What will be output of program when "Ok" button is pressed?**
	``
	 import java.applet.Applet;
	 import java.awt.Button;
	 import java.awt.Graphics;
	 import java.awt.event.ActionEvent;
	 import java.awt.event.ActionListener;
	
	 /*
	 <applet code="HandleActionEventExample" width=200 height=200>
	 </applet>
	 */
	
	 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();
    }
 }
```

A.	OK button pressed
B.	Cancel button pressed
C.	Ok Cancel button pressed
D.	No button pressed
Answer	**optiona**
Marks:	**2**

464	**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>
	</applet>
	*/
	
	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);
	        }
	
	    }```

A.	Is Button 1 enabled?False Is Button 2enabled?False
B.	Is Button 1 enabled?false Is Button 2 enabled?true
C.	Is Button 1 enabled?True Is Button 2 enabled?False
D.	Is Button 1 enabled?True Is Button 2 enabled?True
Answer	**optionb**
Marks:	**2**

465	Connection object can be initialized using the .... method of the Driver Manager class.
A.	putConnection()
B.	setConnection()
C.	Connection()
D.	getConnection()
Answer	**optiond**
Marks:	**1**
466	These methods doGet(),doPost(),doDelete(),doTrace() are used in?
A.	Genereic Servlets
B.	HttpServlets
C.	Both A & B
D.	None of the above
Answer	**optionb**
Marks:	**2**

467	What is output of follwing programmissing 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();
	}
	}
	``

A.	Buttons are displayed in 3 rows and 3 columns
B.	Buttons are displayed in 3 rows and 4 columns
C.	Buttons are displayed in 3 rows and2 columns
D.	Buttons are displayed in 2 rows and 4columns
Answer	**optiona**
Marks:	**2**

468	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();
            }
            }
```

| A. | ```
f.add(r1);
f.add(r2);
``` |
|----|----------------|
| B. | ```
f.add(r1);
``` |
| C. | ```
f.add(r2);
``` |
D.	None of above
Answer	**optiona**
Marks:	**2**

469	**What is use of of using action listeners in the following program?**

```
 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 >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 > j){
        Div = i / j;
        }
        else{
        Div = j / i;
        }

        if(source.getLabel() == "Divide"){
        txtArea.append("Divide = " + Div);
        }
        }
}

Here is the HTML code of the program :
<HTML>
<BODY>
<APPLET CODE ="EventListeners" WIDTH="800" HEIGHT="500"></APPLET>
</BODY>
</HTML>
```

A.	To handle the events generated by these buttons
B.	To handle the events generated by these textarea
C.	To handle the events generated by these buttons and textraea
D.	All of above
Answer	**optiona**
Marks:	**2**

470	Consider the following output. Find the missing statement in the program.
	
	`import java.awt.*;`
	`import java.awt.event.*;`
	`import java.applet.*;`
	`import javax.swing.*;`
	`/*`
	`<applet code="SimpleKey1" width=300 height=100>`
	`</applet>`
	`*/`
	`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);`
	`}`
	`}`

A.	Missing Semicolon
B.	}
C.	{
D.	()
Answer	**optionb**
Marks:	**2**

471	Write the missing statement
| | ```
import java.applet.Applet;
import java.awt.Checkbox;
import java.awt.Graphics;
import java.awt.event.ItemEvent;
--------------------------------------------------


/*
<applet code="HandleCheckboxEvent" width=200 height=200>
</applet>
*/

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 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();
        }
  }
``` |

A.	import java.awt.event;
B.	import java.awt.event.ItemListener;
C.	import java.awt.event.Listener;
D.	import java.awt.event.Item;
Answer	**optionb**
Marks:	**2**

| 472 | 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();
    System.out.println(i+" records inserted");

  ------------------------------------------

    }catch(Exception e){ System.out.println(e);}

    }
    }
``` |
|---|---|

A.	con.start();

B.	con.open();
C.	con.close();
D.	None of above
Answer	**optionc**
Marks:	**2**

473	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.getColumnName(1));
	System.out.println("Column Type Name of 1st column: "+rsmd.getColumnTypeName(1));
	
	con.close();
	
	}catch(Exception e){ System.out.println(e);}
	
	}
	}

A.	ResultSetMetaData rsmd=getMetaData();
B.	ResultSetMetaData =rs.getMetaData();
C.	ResultSetMetaData rsmd=rs.getMetaData();
D.	None of above
Answer	**optionc**
Marks:	**2**

474	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 occured" + e);
	      }
	   }
	}

A.	getInt & executeQuery methods
B.	getString, & executeQuery methods

C.	getString,getInt & executeQuery methods
D.	getString,getInt methods
Answer	**optiond**
Marks:	**2**
475	**A servlet life cycle can be defined as the entire process from its creation till the destruction. The following are the paths foll servlet**
A.	The servlet is initialized by calling the init () method.
B.	The servlet calls service() method to process a client's request.
C.	The servlet is terminated by calling the destroy() method. Finally, servlet is garbage collected by the garbage collector of the JVM.
D.	All of above
Answer	**optiond**
Marks:	**2**
476	**An Applet is _____ of Panel**
A.	subclass
B.	superclass
C.	Both i and ii
D.	None of these
Answer	**optiona**
Marks:	**1**
477	**Which of these events will be generated if we close an Frame's window?**
A.	ActionEvent
B.	ComponentEvent
C.	AdjustmentEvent
D.	WindowEvent
Answer	**optiond**
Marks:	**1**
478	**Which http method send by browser that asks the server to get the page only?**
A.	get
B.	post
C.	option
D.	put
Answer	**optiona**
Marks:	**1**
479	**What is the meaning of jar?**
A.	java archived

B.	java array
C.	java architecture
D.	None of these
Answer	**optiona**
Marks:	**1**
480	**_____ is a protocol for breaking and sending packets to an address across a network?**
A.	DNS
B.	Proxy server
C.	Socket
D.	TCP/IP
Answer	**optiond**
Marks:	**2**
481	**Which JDBC driver Type(s) is (are) the JDBC-ODBC bridge?**
A.	Type-1
B.	Type-2
C.	Type-3
D.	Type-4
Answer	**optiona**
Marks:	**2**
482	**The method _____ assigns the name Result to the Text of variable jlbl.**
A.	jlbl.setText("Result")
B.	jlbl.newText("Result")
C.	jlbl.text("Result")
D.	jlbl.findText("Result")
Answer	**optiona**
Marks:	**2**
483	**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);** **}** **}**

A.	One button is displayed with the text "Java"
B.	Two buttons are displayed with the same text "Java"
C.	Three buttons are displayed with the same text "Java"
D.	Four buttons are displayed with the same text "Java"
Answer	**optiond**
Marks:	**2**
484	**What is the preferred way to handle an object's events in java?**
A.	Override the object's handleEvent() method.
B.	Add one or more event listener to handle the events
C.	Have the object override its processEvent() methods
D.	Have the object override its dispatchEvent() methods
Answer	**optionb**
Marks:	**2**
485	**Java packages such as _____ support the Event handling mechanism**
A.	java.util
B.	java.awt
C.	java.awt.event
D.	all of these
Answer	**optiond**
Marks:	**2**
486	**If you want to override a JSP file's initialization method, within what type of tags must you declare the method?**
A.	<@@>
B.	<%@%>
C.	<%%>
D.	<%!%>
Answer	**optiond**
Marks:	**2**
487	**How can the Checkbox class be used to create a radio button in AWT?**
A.	By using RadioButton class
B.	By using Checkbox class
C.	By associating Checkbox objects with a CheckboxGroup
D.	By associating Checkbox objects with a RadioButton
Answer	**optionc**
Marks:	**1**

488	**Components are added to which pane of swing JApplet .**	
A.	ContentPane	
B.	RootPane	
C.	GlassPane	
D.	none of above	
Answer	**optiona**	
Marks:	**1**	
489	**Which of the following component can generate ItemEvent?**	
A.	Scrollbar	
B.	TextField	
C.	CheckBoxMenuItem	
D.	Button	
Answer	**optionc**	
Marks:	**1**	
490	**Which of these events is generated when a window is minimized?**	
A.	WindowDeactivated	
B.	WindowIconified	
C.	Both a and b	
D.	None of the above	
Answer	**optionc**	
Marks:	**1**	
491	**Which of these event is generated when a button is pressed?**	
A.	WindowEvent	
B.	AdjustmentEvent	
C.	KeyEvent	
D.	ActionEvent	
Answer	**optiond**	
Marks:	**1**	
492	**The .... package contains classes that help in connecting to a database, sending SQL statements to the d** **processing the query results.**	
A.	connection.sql	
B.	db.sql	
C.	pkg.sql	
D.	java.sql	

Answer	**optiond**
Marks:	**1**
493	The .... object allows you to execute parameterized queries.
A.	ResultSet
B.	Parametrized
C.	PreparedStatement
D.	Condition
Answer	**optionc**
Marks:	**1**
494	Why JSP is basically used today?
A.	To make controller
B.	To develop server pages
C.	In writing business logic
D.	Deprecated
Answer	**optionb**
Marks:	**1**
495	Which methods are used to draw the following output?
A.	drawPolygon(),fillPolygon()
B.	drawTriangle(),fillTriangle()
C.	setColor(),drawRect()
D.	drawOval(),setColor()
Answer	**optionb**
Marks:	**2**
496	Which layout manager is shown in the output?
A.	FlowLayout
B.	BoxLayout
C.	GridLayout
D.	CardLayout
Answer	**optionc**
Marks:	**2**
497	Which swing component is shown in output?
A.	JTabbedPane
B.	Jtable
C.	JTree

D.	JScrollPane
Answer	**optionc**
Marks:	**2**
498	**getLocalHost() method is present in which package**
A.	java.lang
B.	java.util
C.	java.net
D.	java.awt
Answer	**optionc**
Marks:	**2**
499	**Which is the class present in java.net package used to create packet from byte array and destination address?**
A.	DatagramPacket
B.	DatagramSocket
C.	ServerSocket
D.	Socket
Answer	**optiona**
Marks:	**2**
500	**public class DriverManager extends**
A.	Object
B.	String
C.	Connection
D.	Statement
Answer	**optiona**
Marks:	**2**
501	**Servlets only needs be loaded once, while CGI programs needs to be load for every request so that servlet should perform faster th**
A.	True
B.	False
C.	only B is correct
D.	None of these
Answer	**optiona**
Marks:	**2**
502	**Find the error.** **/*<applet code="MyJTabbedPane" width=900 height=900>** **</applet>*/** **import java.awt.*;** **import javax.swing.*;** **public class MyJTabbedPane extends JApplet** **{** **public void init()** **{**

```
Container c=getContentPane();
c.setLayout(new FlowLayout());
JTabPane jtp=new JTabPane();
jtp.addTab("Cities",new CitiesPanel());
jtp.addTab("Colors",new ColorsPanel());
jtp.addTab("Flavours",new FlavoursPanel());
c.add(jtp);
}}
```

A.	a)Applet code is incorrect
B.	b)JTabPane Constructor is incorrect
C.	c)addTab method is incorrect
D.	d)Package is missing
Answer	**optionb**
Marks:	**2**

503	Whether the given code is correct to generate the given output

```
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());
}
}
```

A.	TRUE
B.	FALSE
C.	
D.	
Answer	**optionb**
Marks:	**2**

504	Choose the correct output for the given code

```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
/*
<applet code="MyScroll2" width=300 height=200>
</applet>
*/
public class MySrcoll2 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);
add(t);
vert.addAdjustmentListener(this);
}
public void adjustmentValueChanged(AdjustmentEvent ae)
{
 int v=vert.getValue();
```

	t.setText(" "+v);
	}
	}

A.	
B.	
C.	none of this
D.	both
Answer	**optiona**
Marks:	**2**

505	Find the error in the code
	public void itemStateChanged(ItemEvent ie)
	{
	 l.setText(c.getSelectedItem());
	}

A.	No error
B.	Method name is incorrect
C.	Return type is incorrect
D.	Method parameter is incorrect
Answer	**optiona**
Marks:	**2**

506	Choose the correct output for the given code
	/*<applet code="MyControl10" width=300 height=300>
	</applet>*/
	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);
	}
	}

A.	S1Q5O1
B.	S1Q5O2
C.	S1Q5O3
D.	All of the above
Answer	**optiond**
Marks:	**2**

507	**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);** **}** **}**

A.	0
B.	1
C.	true
D.	false
Answer	**optionc**
Marks:	**2**

508	**Find the error in the given code** **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);** **}** **}** **}**

A.	Package is incorrect
B.	getConnection() method syntax is incorrect
C.	Drivermanager class name is incorrect
D.	try is mentioned without catch
Answer	**optionc**
Marks:	**2**

509	**Choose the correct output for the given code:** **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);
}
}
}
```

A.	S1Q5401
B.	S1Q5402
C.	S1Q5403
D.	S1Q5404
Answer	**optiona**
Marks:	**2**

510	**Which code is correct to generate the given output?**
A.	a) PreparedStatement p=c.prepareStatement("Select * from Employee where Name='Ram'");
B.	b) Preparedstatement p=c.prepareStatement("Select * from Employee where Name='Ram'");
C.	c) PreparedStatement p=c.PrepareStatement("Select * from Employee where Name='Ram'");
D.	d) PreparedStatement p=c.prepareStatement("Select * from Employee where Name=Ram);
Answer	**optiona**
Marks:	**2**

511	**Find the error in the given code** **Statement st=c.createStatement();** **Resultset rs=st.executeQuery("Select * from StudTable");** **while(rs.next())** **{** ** System.out.println(rs.getString(1)+" "+rs.getString(2));** **}**
A.	createStatement() should contain parameters
B.	Resultset interface name is incorrect
C.	next () cannot be called using object of resultset
D.	getString() should contain String type parameter
Answer	**optionb**
Marks:	**2**

512	**Choose the missing statement in the given method syntax** **public void doGet(HttpServletRequest request, HttpServletResponse response) throws _____**
A.	ServletException,IOException
B.	URLMalformedException
C.	SecurityException

D.	SQLException
Answer	**optiona**
Marks:	**2**

513	Which packages 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("hello generic servlet");
	out.print("</body></html>");
	
	}
	}

A.	import java.io.*; import javax.servlet.*;
B.	import java.io.*;
C.	import javax.servlet.*;
D.	import java.lang.*;
Answer	**optiona**
Marks:	**2**

514	Which method returns the current session associated with this request, or if the request does not have a session, creates one?
A.	getSession()
B.	getServletPath()
C.	getCookies()
D.	getPathInfo()
Answer	**optiona**
Marks:	**2**

515	Which are the methods of servlet life cycle?
A.	init(),destroy()
B.	init(),service(),destroy()
C.	init(),end()
D.	init(),start(),destroy()
Answer	**optionb**
Marks:	**2**

516	Which of the following is not an AWT component
A.	List
B.	Button
C.	Choice
D.	Applet

Answer	**optiond**
Marks:	**1**
517	**Default layout manager for panel is**
A.	CardLayout
B.	GridLayout
C.	FlowLayout
D.	GridBagLayout
Answer	**optionc**
Marks:	**1**
518	**FlowLayout arranges components from**
A.	Left to Right
B.	Right to left
C.	Top to Bottom
D.	Bottom to top
Answer	**optiona**
Marks:	**1**
519	**Which among the following is not an AWT Event**
A.	FocusEvent
B.	KeyEvent
C.	MouseEvent
D.	AdjustEvent
Answer	**optiond**
Marks:	**1**
520	**Which of the following is true for TCP ?**
A.	TCP is realiable and connection oriented
B.	TCP is unrelaible but connection oriented
C.	TCP is realiable and connection less
D.	none of the these
Answer	**optiona**
Marks:	**1**
521	**What is Socket?**
A.	End point for communication
B.	Combination of IP address and port number
C.	Predfined class in java

D.	All of these
Answer	**optiond**
Marks:	**1**
522	**Which of the following are examples of JSP directive.**
A.	include
B.	exclude
C.	servlet
D.	taglibrary
Answer	**optiona**
Marks:	**1**
523	**Which among the following is the feature of Jtable**
A.	Is a user-interface component that presents data in a two-dimensional table format.
B.	Displays a grid of data consisting of rows and columns similar to a spreadsheet.
C.	Reassessable and reorderable columns.
D.	all of these
Answer	**optiond**
Marks:	**2**
524	**Which of the follwing is true about FlowLayout**
A.	FlowLayout can use multiple rows if the horizontal space in the container is too small to hold the components
B.	FlowLayout is the default layout manager of Panel and Applet
C.	It is the default layout manager for Window
D.	both A and B
Answer	**optiond**
Marks:	**2**
525	**Which among the following is true about the event?**
A.	An event describes, in sufficient detail, a particular user action.
B.	There are many types of events that are generated by an AWT Application.
C.	Events are used to make the application more effective and efficient.
D.	all of these
Answer	**optiond**
Marks:	**2**
526	**When the event source generates an event, the event source notifies to .... that the event has occurred.**
A.	all the listener objects
B.	selected listener objects

C.	single listener object	
D.	none of these	
Answer	**optiona**	
Marks:	**2**	
527	**getSession(true) method will return appropriate session object if……**	
A.	the session is completed	
B.	session object is passed to another method	
C.	the session does not exists	
D.	the session is existing	
Answer	**optiond**	
Marks:	**2**	
528	**Which components are needed to get below shown output?**	
A.	Button, Textfield,List	
B.	Button, Textfield,Choice	
C.	Button, TextArea, Choice	
D.	Button, TextField, TabbedPane	
Answer	**optiona**	
Marks:	**2**	
529	**Identify the missing statements in the following code.**	
A.	b1.addActionListener(this);b2.addActionListener(this);	
B.	b1.addActionListener(this);b3.addActionListener(this);	
C.	b1.addActionListener(this)	
D.	b1.addListener(this);b2.addActionListener(this);	
Answer	**optiona**	
Marks:	**2**	
530	**What will be the output of the program?**	
A.	Compilation error	
B.	Will not show any ouput	
C.	Run time error	
D.	none of these	
Answer	**optiona**	
Marks:	**2**	
531	**Which method of the request object is used to extract values of the input fields in a form when it is submitted?**	
A.	getParameter()	

B.	getParameterNames()
C.	getValues()
D.	getParameters()
Answer	**optiona**
Marks:	**2**
532	**All swing component classes are placed in**
A.	java.awt
B.	javax.awt
C.	java.swing
D.	javax.swing
Answer	**optiond**
Marks:	**1**
533	**Which component in swing represents data in rows and columns?**
A.	JTextArea
B.	JTable
C.	JPanel
D.	JtabbedPane
Answer	**optionb**
Marks:	**1**
534	**Which among the following is true for Adaptor Classes?**
A.	Adapter classes increases Efficiency of event Listener.
B.	Adaptor classes increases Complexity event Listener.
C.	Adaptor classes reduce Complexity of event Listener.
D.	Adaptor classes reduce code for event Listener.
Answer	**optionc**
Marks:	**1**
535	**An object that would like to be notified of and respond to an event is**
A.	EventListener
B.	Event Source
C.	Event
D.	Action
Answer	**optiona**
Marks:	**1**
536	**Adapter class belongs to the package**

A.	java.awt.event
B.	javax.awt.event
C.	java.event
D.	javax.event
Answer	**optiona**
Marks:	**1**
537	**Which of the following is true for UDP ?**
A.	UDP is realiable and connection oriented
B.	UDP is unrelaible but connection oriented
C.	UDP is unrealiable and connection less
D.	none of the these
Answer	**optionc**
Marks:	**1**
538	**ODBC requires configuring _____ which represents the target database.**
A.	Domain
B.	Data Source Name
C.	Server
D.	None of these
Answer	**optionb**
Marks:	**1**
539	**Which package need to be imported for establishing connection with database**
A.	java.sql
B.	javax.net
C.	java.jdbc
D.	java.lang
Answer	**optiona**
Marks:	**1**
540	**Where the servlets run?**
A.	on client side
B.	on server side
C.	on proxy side
D.	on database side
Answer	**optionb**
Marks:	**1**

541	Which method is called on every servlet request ?
A.	init()
B.	doGet()
C.	doPost()
D.	service()
Answer	**optiond**
Marks:	1
542	Which of the following options is correct about Layout Manager
A.	Layout manager manages height and width of layout
B.	Layout manager manages positions of different components
C.	Layout manager manages size of differnet components
D.	Both B and C
Answer	**optiond**
Marks:	2
543	Which among the following is not correct regarding dialog?
A.	Use dialogs only for actions that deviate from the primary task flow.
B.	Any dialog pauses the interaction of an application with the user.
C.	Dialogs should ideally be designed such that they could be ignored altogether, without disrupting the user's ability to complete t
D.	Use of Dialog effects the working of Application
Answer	**optiond**
Marks:	2
544	Which of the follwing component cannot be registered with actionPerformed() method of ActionListener?
A.	Button
B.	JComboBox
C.	List
D.	CheckBox
Answer	**optiond**
Marks:	2
545	Which statement among the following is not treleated to Event?
A.	An object that would like to be notified of and respond to an event is an event listener
B.	An object that generates a particular kind of event, called an event source
C.	A Listener must be added to a component to react to the events occurring on the component
D.	A component may or may not have a way to register and deregister listeners
Answer	**optiond**

Marks:	**2**
546	**Which method of the servlet is/are called several times in its life?**
A.	init()
B.	service()
C.	destroy()
D.	Both (i) and (ii)
Answer	**optionb**
Marks:	**2**
547	**Which Components need to be used to produce this output**
A.	JTextArea
B.	JTabbedPane and TextArea
C.	JTabbedPane and icon
D.	JtabbedPane,JLabel and ImageIcon
Answer	**optiond**
Marks:	**2**
548	**The JDBC-ODBC Bridge supports multiple concurrent open statements per connection?**
A.	one
B.	zero
C.	Does not support connection
D.	none of these
Answer	**optiona**
Marks:	**2**
549	**what is the main components of JDBC ?**
A.	DriverManager
B.	Driver
C.	Connection
D.	all of these
Answer	**optiond**
Marks:	**2**
550	**The values of <servlet-name> and <servlet-class> in web.xml file ……**
A.	must be same
B.	must not be same
C.	may be same
D.	none of these

Answer	optionc
Marks:	2
551	which method is used to set the visibility of the frame?
A.	1.setVisible(true)
B.	2.setVisible(false)
C.	3.setVisible()
D.	none
Answer	optiona
Marks:	1
552	Which containers may have a MenuBar?
A.	Applet
B.	Panel
C.	Canvas
D.	Frame
Answer	optiond
Marks:	1
553	Which of the following is not a constructor of JTree
A.	JTree(TreeNode tn)
B.	JTree(Vector v)
C.	JTree(int x)
D.	none of the above
Answer	optionc
Marks:	1
554	---------------------Is super class of all the events
A.	EventObject
B.	EventClass
C.	ActionEvent
D.	ItemEvent
Answer	optiona
Marks:	1
555	What is the use of setLayout() method
A.	To install a container
B.	To install a Window
C.	To install a new layout manager

D.	none of the above
Answer	**optionc**
Marks:	**2**
556	**Which component represents the hierarchical view of data**
A.	Jtable
B.	Jtree
C.	JTabbedPane
D.	none
Answer	**optionb**
Marks:	**2**

557	Select the missing statement in the given code
	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 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);
	  }
	  }

A.	missing semicolon
B.	missing import statement
C.	Container cpane=jframe.getContentPane();
D.	missing setLayout()
Answer	**optionc**
Marks:	**2**

558	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 if(click.equals("BLUE"))
setBackground(Color.blue);
}
}
```

A.	getAction()
B.	getActionCommand()
C.	getSource()
D.	getID()
Answer	**optionb**
Marks:	**2**

559	Select the fullform of DNS
A.	Data Network System
B.	Domain Name Select
C.	Domain Name Server
D.	Domain Name Service
Answer	**optiond**
Marks:	**2**

560	Select pacakge used for handling security related issues in a program
A.	java.security
B.	java.lang.security
C.	java.awt.image
D.	java.io.security
Answer	**optiona**
Marks:	**2**

561	Select the package used to import the abstract class HttpServlet and interfaces HttpServletRequest and HttpServletResponse
A.	import javax.servlet.http.*
B.	import javax.servlet.*
C.	import java.io.*
D.	none of the above
Answer	**optiona**
Marks:	**2**

562	Select the proper command to run the following code

```
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import java.applet.*;
/*
<applet code="combodemo" width=300 height=100>
</applet>
*/
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);
}
}
``` |
A.	`Javac combodemo.java`
B.	`Java combodemo`
C.	`appletviewer combodemo.java`
D.	`all of above`
Answer	**optionc**
Marks:	**2**
| 563 | ```
Select the missing statement in the program to get the correct output
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");
}
}
}
}
``` |
A.	`b1.addActionListener(this);`
B.	`b2.addActionListener(this);`
C.	`both a & b`
D.	`All of above`
Answer	**optiona**
Marks:	**2**
| 564 | ```
Select the missing statement in the program to get the correct output
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<20;i++)
  {
    for(int j=0;j<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);
  }
 }
```

A.	`JScrollPane jsp=new JScrollPane(v,h);`
B.	`JScrollPane jsp=new JScrollPane(v,h,jp);`
C.	`JScrollPane jsp=new JScrollPane(jp);`
D.	`JScrollPane jsp=new JScrollPane(jp,v,h);`
Answer	**optiond**
Marks:	**2**

| 565 | 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);
    }
  }
}
``` |
|---|---|

A.	`missing semicolon`
B.	`}`
C.	`{`
D.	`all of above`
Answer	**optionb**
Marks:	**2**

| 566 | 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"+"\t"+"SNO"+"\t"+"Model");
while(rs.next())
{
System.out.println(rs.getString(1)+"\t"+rs.getString(3));
``` |
|---|---|

| | ```
}
st.close();
}
}
``` |
A.	missing semicolon
B.	missing }
C.	missing{
D.	missing c.close();
Answer	**optiond**
Marks:	**2**
| 567 | ```
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"+"\t"+"SNO"+"\t"+"Model");
while(rs.next())
{
System.out.println(rs.getString(1)+"\t"+rs.getString(3));
}
st.close();
c.close();
}
}
``` |
A.	missing semicolon
B.	missing package statement
C.	missing {
D.	missing }
Answer	**optionb**
Marks:	**2**
| 568 | ```
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();
}
}
``` |
A.	Error in main()
B.	error in loop
C.	error in connection statement

D.	Error in close()
Answer	**optiona**
Marks:	**2**
569	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<=n;i++)
{
System.out.print(rs.getMetaData().getColumnLabel(i)+'\t');
System.out.println("");
while(rs.next())
{
for(int i=1;i<=n;i++)
{
System.out.print(rs.getString(i)+'t');
}
System.out.println("");
}
rs.close();
con.close();
}
catch(SQLException e)
{
System.out.print("SQL error");
}
}
}
```

A.	missing }
B.	missing {
C.	missing semicolon
D.	missing package statement
Answer	**optiona**
Marks:	**2**
570	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)
{
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<=n;i++)
{
System.out.print(rs.getMetaData().getColumnLabel(i)+'\t');
}
System.out.println("");
while(rs.next())
{
for(int i=1;i<=n;i++)
{
System.out.print(rs.getString(i)+'t');
}
System.out.println("");
}
rs.close();
con.close();
}
catch(SQLException e)
{
System.out.print("SQL error");
}
}
}
```

A.	missing getConnection() method

B.	error in main()

C.	missing package statement

D.	all of the above

Answer	**optiond**

Marks:	**2**

571	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(" "+ message +" ");
	}}
	publicvoid destroy()
	{ }

A.	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;

B.	import java.Vector.* ; import java.Thread.*; import javax.servlet.*;

C.	import javax.servlet.http.*; import java.String.*; import java.Vector;

D.	import javax.servlet.http.*; import java.Thread.*; import javax.Client.*;

Answer	**optiona**

Marks:	**2**

572	Select the missing statement to get the correct output
	import java.io.*;
	import 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)
  }
``` |
A.	missing semicolon,missing }
B.	missing semicolon
C.	missing }
D.	missing semicolon,missing {
Answer	**optiona**
Marks:	**2**
| 573 | ```
Select the missing statement to get correct output
public class welcomeservelet extends GenericServlet
{
public void service(ServletRequest request,ServletResponce response)
      throws ServletException,IOException
{
response.setContentType("text/html");
printWriter pw =response.getWriter();
pw.println("<B>welcome to servlet!");
pw.close();
}
}
``` |
A.	import java.io.*; import javax.servlet.*;
B.	import java.io.*;
C.	import java.servlet.*;
D.	none of the above
Answer	**optiona**
Marks:	**2**
574	**Which of the following components does not have visible borders?**
A.	Frame
B.	Panel
C.	Dialog
D.	File Dialog
Answer	**optionb**
Marks:	**1**
575	**In AWT Checkbox class is used to create _____**
A.	Checkbox and Button
B.	Checkbox and Choice(Drop-Down List)
C.	Checkbox and Menubar
D.	Checkbox and Radio buttons
Answer	**optiond**
Marks:	**1**
576	**A _____ automatically arranges the components added to a container.**
A.	Listener

B.	Loader
C.	Layout Manager
D.	Scrollbar
Answer	**optionc**
Marks:	1
577	**Which component displays information in hierarchical manner with parent-child relationship?**
A.	JTable
B.	JTree
C.	JTabbedPane
D.	JComboBox
Answer	**optionb**
Marks:	1
578	**which are the integer constants of ComponentEvent?**
A.	COMPONENTt_HIDDEN
B.	COMPONENT_MOVED
C.	COMPONENT_SHOWN
D.	ALL THE ABOVE
Answer	**optiond**
Marks:	2
579	**Which of the following is not event class is Java?**
A.	ComponentEvent
B.	ContainerEvent
C.	FocusEvent
D.	ClickEvent
Answer	**optiond**
Marks:	1
580	**How many types of component events are in Java?**
A.	1
B.	2
C.	3
D.	4
Answer	**optiond**
Marks:	1
581	**A socket identifies _____ in network.**

A.	a communication end point
B.	a node
C.	a thread
D.	a graphical user interface
Answer	**optiona**
Marks:	1

582	**When a socket object is created _____**
A.	It implicitly establishes a connection between the client & server
B.	It waits for connect() method to be called
C.	It destroys all of previous instances of socket object
D.	It asks IP address to be entered from keyboard.
Answer	**optiona**
Marks:	1

583	**TCP/IP sockets are used to impelement _____ connections.**
A.	Reliable and persistent
B.	Bidirectional and point-to-point
C.	Stream-based
D.	All of the above
Answer	**optiond**
Marks:	1

584	**When a URL object is created _____**
A.	a connection is automatically established with that URL
B.	openConnection() method is used to establish a connection
C.	getConnection() method is used to establish a connection
D.	makeConnection() method is used to establish a connection
Answer	**optiona**
Marks:	1

585	**_____ method of DriverManager class is used to create connection with database.**
A.	openConnection()
B.	setConnection()
C.	getConnection()
D.	readConnection()
Answer	**optionc**
Marks:	1

586	Which method is used to send CREATE TABLE queries to database using JDBC?
A.	executeQuery()
B.	executeUpdate()
C.	createTable()
D.	insertNewTable()
Answer	**optionb**
Marks:	**1**
587	The correct string for loading Jdbc-Odbc bridge driver using Class.forName() method is:
A.	jdbc.odbc.JdbcOdbcDriver
B.	microsoft.odbc.jdbc.OdbcJdbcDriver
C.	sun.jdbc.odbc.JdbcOdbcDriver
D.	microsoft.sun.JdbcOdbcDriver
Answer	**optionc**
Marks:	**1**
588	createStatement() method without any parameter is used to create a statement with _____
A.	a scrollable and read only ResultSet
B.	a scrollable and updatable ResultSet
C.	a forward only and updatable ResultSet
D.	a forward only and read only ResultSet
Answer	**optiond**
Marks:	**1**
589	Which method are central to life cycle of a servlet?
A.	init(), service() and destroy()
B.	init(), paint() and destroy()
C.	init(), start() and stop()
D.	init(), service() and paint()
Answer	**optiona**
Marks:	**1**
590	A cookie is stored on _____ and contains state information.
A.	client machine
B.	web server
C.	dns server
D.	All of the above
Answer	**optiona**

Marks:	1

591	If an expiration date is not explicitly assigred to a cookie _____
A.	it is permanently stored
B.	it is never stored
C.	it is deleted when the current browser session ends
D.	it is deleted when internet access is lost
Answer	**optionc**
Marks:	1

592	Which layout manager can be used to get the following output?
A.	FlowLayout
B.	GridLayout
C.	BorderLayout
D.	CardLayout
Answer	**optionc**
Marks:	2

593	Which components are required to get following output?
A.	Applet, Choice, Button, Label, List,Menu
B.	Applet, Button, Label, List, TextField
C.	Choice, Button, Label, List, Menu
D.	Applet, Choice, Button, Menu, MenuItem
Answer	**optiona**
Marks:	2

594	Select the missing statements at --------------------- for following program:

```
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);
      }
     }
    }
```

A.	import java.awt.event.*;
	check.addItemListener(this);
	b.addActionListener(this);

B.	import javax.swing.*;
	check.addMouseListener(this);
	b.addKeyListener(this);

C.	import java.awt.event.*;
	check.addAdjustmentListener(this);
	b.addActionListener(this);

D.	import java.awt.event.*; Container con=getContentPane(); check.addItemListener(this);
Answer	**optiona**
Marks:	**2**

595	**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.**
A.	Only A
B.	C and D
C.	All of the thses
D.	None of these
Answer	**optionb**
Marks:	**2**

596	**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.**
A.	1, 2,3
B.	2, 1,3
C.	2, 3,1
D.	1, 3, 2
Answer	**optionb**
Marks:	**2**

597	**Cookies and Sessions can be created and used with:** **A. Generic servlets** **B. Http servlets** **Select correct option from following.**
A.	Both A and B
B.	Only A
C.	Only B
D.	None of the above

Answer	**optionc**
Marks:	**2**

598	Select the missing statements in the program to get following output:

```
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");
    }
}
```

| A. | ```
MenuItem bold = new MenuItem("Bold");
MenuItem italic = new MenuItem("Italic");
MenuItem under = new MenuItem("Underline");
MenuItem strike = new MenuItem("Stikethrough");
``` |
|---|---|
| B. | ```
CheckboxMenuItem bold = new CheckboxMenuItem("Bold");
CheckboxMenuItem italic = new CheckboxMenuItem("Italic");
CheckboxMenuItem under = new CheckboxMenuItem("Underline");
CheckboxMenuItem strike = new CheckboxMenuItem("Stikethrough");
``` |
| C. | ```
CheckableMenuItem bold = new CheckableMenuItem ("Bold");
CheckableMenuItem italic = new CheckableMenuItem ("Italic");
CheckableMenuItem under = new CheckableMenuItem ("Underline");
CheckableMenuItem strike = new CheckableMenuItem ("Stikethrough");
``` |
| D. | ```
SelectedMenuItem bold = new SelectedMenuItem ("Bold");
SelectedMenuItem italic = new SelectedMenuItem ("Italic");
SelectedMenuItem under = new SelectedMenuItem ("Underline");
SelectedMenuItem strike = new SelectedMenuItem ("Stikethrough");
``` |

Answer	**optionb**
Marks:	**2**

599	Select the correct code to get the following output:

| A. | ```
import java.awt.*;
import java.applet.*;
public class Sample extends Applet
{
 public void init()
 {
  Checkbox red=new Checkbox("Red");
  Checkbox green=new Checkbox("Green");
  Checkbox blue=new Checkbox("Blue");
  add(red);
  add(green);
  add(blue);
 }
``` |
|---|---|
| B. | ```
import java.awt.*;
import java.applet.*;
public class Sample extends Applet
{
 public void init()
 {
  CheckboxGroup cbg=new CheckboxGroup();
  Checkbox red=new Checkbox("Red",false,cbg);
  Checkbox green=new Checkbox("Green",false,cbg);
  Checkbox blue=new Checkbox("Blue",false,cbg);
  add(red);
  add(green);
  add(blue);
}}
``` |

| C. | ```java
import java.awt.*;
import java.applet.*;
public class Sample extends Applet
{
 public void init()
 {
  Button red = new Button("Red");
  Button green = new Button("Green");
Button blue = new Button("Blue");
  add(red);add(green);add(blue);
 }
}
``` |
|----|---|
| D. | ```java
import java.awt.*;
import java.applet.*;
public class Sample extends Applet
{
 public void init()
 {
  OptionButton red = new OptionButton("Red");
  OptionButton green = new OptionButton("Green");
OptionButton blue = new OptionButton("Blue");
  add(red);add(g
``` |
| Answer | **optionb** |
| Marks: | **2** |
| **600** | **Choose the missing statements to be added to following program to get correct output.**<br>```java
import java.awt.*;
class Sample extends Frame implements ActionListener, ItemListener
{
 MenuItem 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");
 }
}
``` |
| A. | ```java
import java.awt.event.*;
item1.addActionListener(this);
item2.addActionListener(this);
``` |
| B. | ```java
import java.awt.event.*;
item1.addItemListener(this);
item2.addItemListener(this);
``` |
| C. | ```java
import java.awt.event.*;
item1.addActionListener(this);
item2.addItemListener(this);
``` |
| D. | ```java
import java.awt.event.*;
item1.addClickListener(this);
item2.addClickListener(this);
``` |
| Answer | **optionc** |

Marks:	2

601	Consider the following program. Choose the missing statements to get correct output.
	``java
	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);
	 }
	}
	``

A.	```java
	public class Sample extends Applet implements ItemListener
	year.addItemListener(this);
	branch.addItemListener(this);
	public void itemStateChanged(ItemEvent ie)
	{
	 repaint();
	}
	``

B.	```java
	public class Sample extends Applet implements ActionListener
	year.addActionListener(this);
	branch.addActionListener(this);
	public void actionPerformed(ActionEvent ae)
	{
	 repaint();
	}
	``

C.	```java
	public class Sample extends Applet implements AdjustmentListener
	year.addAdjustmentListener(this);
	branch.addAdjustmentListener(this);
	public void itemStateChanged(AdjustmentEvent ae)
	{
	 repaint();
	}
	``

D.	```java
	public class Sample extends Applet implements WindowListener
	year.addWindowListener(this);
	branch.addWindowListener(this);
	public void windowActivated(WindowEvent we)
	{
	 repaint();
	}
	``

Answer	**optiona**

Marks:	2

602	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

A.	Only 2 and 5
B.	All are defined
C.	Only 4 and 5
D.	Only 1, 2, 4 and 5

Answer	**optionb**
Marks:	**2**
| **603** | **Consider the following program. What should be the correction done to get correct output?**<br>```java
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);
  }
 }

}
``` |
| A. | ```java
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("Red");
  green=new Button("Green");
  blue=new Button("Blue");
  add(red);
  add(green);
  add(blue);
red.actionListener(this);
green.actionListener(this);
blue.actionListener(this);
``` |
| B. | ```java
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class Sample extends Applet implements AdjustmentListener
{
 Button red, green, blue;
 public void init()
 {
  red=new Button("Red");
  green=new Button("Green");
  blue=new Button("Blue");
  add(red);
``` |
| C. | ```java
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class Sample extends Applet implements ClickListener
{
 Button red, green, blue;
 public void init()
 {
  red=new Button("Red");
  green=new Button("Green");
  blue=new Button("Blue");
  add(red);
``` |
| D. | ```java
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class Sample extends Applet implements TextListener
``` |

```
{
 Button red, green, blue;
 public void init()
 {
  red=new Button("Red");
  green=new Button("Green");
  blue=new Button("Blue");
  add(red);
```

Answer	**optiona**

Marks:	**2**

604	**select missing class** **import java.net.*;** **class Sample** **{** ** public static void main(String[] args)throws UnknownHostException** ** {** ** try** ** {** ** _____ address=A_Class.getByName("google.com");** ** System.out.println(address);** ** }catch(UnknownHostException e)** ** {** ** System.out.println("Caught : "+e);** ** }** ** }** **}**

A.	IPAddress

B.	InternetAddress

C.	RemoteAddress

D.	InetAdress

Answer	**optiond**

Marks:	**2**

605	**In the following program choose the correct strings from given options to pass in URL constructor to get an output without any exc** **import java.net.*;** **class URLDemo** **{** ** 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());** ** }** **}** **A. http://www.msbte.com/mainsite/index.php** **B. http://www.msbte.com:80/mainsite/index.php** **C. www.msbte.com/** **D. www.msbte.com/mainsite/index.php**

A.	Only A

B.	Only B

C.	Either A or B

D.	All

Answer	**optionb**

Marks:	**2**

606	**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:mydsn","","");
      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);
     }
    }
   }
```

A.	`CallableStatement s = c.prepareCall();`
B.	`PreparedStatement s = c.prepareStatement();`
C.	`Statement s = c.createStatement();`
D.	`Statement s = c.newStatement();`
Answer	**optionc**
Marks:	**2**

607	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:mydsn","","");`
	`   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);`
	`  }`
	` }`
	`}`

A.	Error in Connection statement
B.	Error in ResultSet statement
C.	Error in getString() method
D.	No correction is required
Answer	**optiona**
Marks:	**2**

608	Consider the following program. What should be the correction done 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: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);
   }
  }
 }
``` |
A.	Error in Connection statement
B.	Use ? symbol instead of * symbol
C.	Use + symbol instead of * symbol
D.	No correction is required
Answer	**optionb**
Marks:	**2**
| **609** | Consider the following program. What should be the correction done to get correct output?<br>```
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);
  }
 }
}
``` |
A.	Use executeQuery() method instead of executeUpdate() method
B.	Use executeInsert() method instead of executeUpdate() method
C.	Use executeNewRow() method instead of executeUpdate() method
D.	No correction is required
Answer	**optiond**
Marks:	**2**
| **610** | In the following program make corrections to get correct output:<br>```
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);
   String sql = "create table Product(prod_id Integer, prod_name varchar(25), price Double)";
   s.executeCreate(sql);
   System.out.println("Table created.");
   c.close();
  }catch(Exception e)
  {
   System.out.println("Exception generated: "+e);
  }
 }
}
``` |
A.	s.executeTable(sql);
B.	s.executeCreateTable(sql);
C.	s.executeUpdate(sql);
D.	s.executeNewTable(sql);

Answer	**optionc**
Marks:	**2**

611	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 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());
	 }
	}```

A.	HttpSession hs = response.setSession(true);
B.	HttpSession hs = request.getSession(true);
C.	HttpSession hs = request.addSession();
D.	HttpSession hs = reponse.insertSession();
Answer	**optionb**
Marks:	**2**

612	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();
	 }
	}```

A.	response.insertCookie(cookie);
B.	response.addNewCookie(cookie);
C.	response.setCookie(cookie);
D.	response.addCookie(cookie);
Answer	**optiond**
Marks:	**2**

613	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();
	 }
	}```

A.	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;
B.	import java.io.*; import javax.servlet.*;

C.	``` import javax.servlet.*; import javax.servlet.http.*; ```
D.	``` import java.io.*; import javax.servlet.http.*; ```
Answer	**optiona**
Marks:	**2**

614	**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();
	 }
	}
	``

A.	Error in service() method declaration
B.	Error in import statements
C.	Error in setContentType() method call
D.	Error in getWriter() method call
Answer	**optiona**
Marks:	**2**
615	**Select correct option for syntax of servlet life cycle methods.**
A.	``` public void init(ServletConfig config) throws ServletException public void service(ServletRequest, ServletResponse) public void destroy( ) ```
B.	``` public void init(ServletContext context) throws ServletException public void service(ServletRequest, ServletResponse) public void destroy( ) ```
C.	``` public void init( ) throws ServletException public void service(HttpServletRequest, HttpServletResponse) public void destroy( ) ```
D.	``` public void init() throws ServletException public void service(ServletRequest, ServletResponse) public void destroy( ) ```
Answer	**optiona**
Marks:	**2**

616	**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){ }
}
}
``` |

| A. | ```
rs.next( )
rs.delete();
``` |
|---|---|

| B. | ```
rs.first();
rs.next( )
rs.delete();
``` |
|---|---|

| A. | ```
rs.first( );
rs.next( )
rs.deleterow();
``` |
|---|---|
| C. | |

| D. | ```
rs.absolute(2);
rs.deleteRow();
``` |
|---|---|

Answer	**optiond**

Marks:	**2**

| 617 | ```
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){ }
}
}
``` |
|---|---|

| A. | ```
int rs = s.executeUpdate("insert into stud value(5,'Sneha',67)");
``` |
|---|---|

| B. | ```
int r = s.executeUpdate("insert into stud values(5,'Sneha',67)");
``` |
|---|---|

| C. | ```
int r = s.executeUpdate("insert in stud values(5,'Sneha',67));
``` |
|---|---|

| D. | ```
int r= s.executeUpdate("insert in stud where values(5,'Sneha',67)");
``` |
|---|---|

Answer	**optionb**

Marks:	**2**

| 618 | ```
Complete remaining code for getting output as shown in figure.
import java.awt.*;
 import java.awt.event.*;
 import javax.swing.*;
 /*<applet code="jcombodemo" width=300 height=100></applet>*/
 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);
 }
``` |
|---|---|

| A. | ```
public void itemValueChanged(ItemEvent ie)
{  String s = (String)ie.getItem();
    jl.setIcon((s + ".jpg"));
}}
``` |
|---|---|

B.	`public void itemStateChanged(ItemEvent ie)`
	`{ String s = (String)ie.getItem();`
	`    jl.setIcon(new ImageIcon(s + ".jpg"));`
	`}}`

C.	`public void StateChanged(ItemEvent ie)`
	`{ String s = (String)ie.getItem();`
	`    jl.setIcon(new ImageIcon(s + ".jpg"));`
	`}}`

D.	`public void actionPerformed(ItemEvent ie)`
	`{ String s = (String)ie.getItem();`
	`    jl.setIcon(new ImageIcon(s+ ".jpg"));`
	`}}`

Answer	**optionb**
Marks:	**2**
619	**List control in AWT, generates ……………….. Event on ………………. Click.**
A.	ItemEvent on Single click.
B.	ActionEvent on Double click
C.	ItemEvent on double click.
D.	Both Options A and B correct.
Answer	**optiond**
Marks:	**2**
620	**Swing components are light weight because:**
A.	Swing components are platform independent.
B.	Swing components are platform dependent.
C.	Swing components are portable.
D.	Swing components are not portable.
Answer	**optiona**
Marks:	**2**
621	**Following statement means:** **HttpSession getSession( )**
A.	It will return existing session object,If not it will create a new sesssion.
B.	It will delete existing session object and it will create a new sesssion.
C.	It will return existing session object,If not it will not create a new sesssion.
D.	It will delete existing session object and also will not create a new session object.
Answer	**optiona**
Marks:	**2**
622	**TCP does not supports Multicasting and Broadcasting because:**
A.	It supports full duplex communication.
B.	It provides error control.
C.	It provides flow control.

D.	It is connection oriented protocol.
Answer	**optiond**
Marks:	**2**

623	Consider given database and Select correct output for 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 > ?");
	ps.setInt(1,70); //set question marks place holder
	ResultSet rs = ps.executeQuery(); //execute
	System.out.println("Students having marks > 70 are:");
	while(rs.next())
	System.out.println(rs.getString(2));
	con.close();
	}catch(Exception e){ }
	}
	}

A.	Students having marks > 70 are: Rakhee Rahul Karthik
B.	Students having marks > 70 are: Rakhee 75 Rahul 78 Karthik 71
C.	Students are: Rakhee Rahul Karthik
D.	Students are: Rakhee Amit Ajita
Answer	**optiona**
Marks:	**2**
624	What the following statement returns? SQLWarning warning = statement.getWarnings(); System.out.println("Message: " + warning.getMessage());
A.	Output of Warning
B.	Warning number
C.	Description about SQL warning
D.	Displays "Message"
Answer	**optionc**
Marks:	**2**

625	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 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");
            }
        }
    }
```

A.	int so=ss.wait( );
B.	Socket so = ss.accept();
C.	ServerSocket so=ss.accept( )
D.	ClientSocket so=ss.accept( )
Answer	**optionb**
Marks:	**2**

626	**getSource( ) method of ActionEvent retrieves:**
A.	Current X,Y positions where mouse is clicked.
B.	Component object which generated event.
C.	Caption written on object which generated event.
D.	Command written on component which generated event.
Answer	**optionb**
Marks:	**2**

627	**Cookies can be deleted by using……………………….. Method.**
A.	delete( )
B.	setMaxAge( )
C.	setTime( )
D.	destroy( )
Answer	**optionb**
Marks:	**1**

628	**Select correct statement to add component in south region.**
A.	add(component obj,BorderLayout.SOUTH);
B.	BorderLayout.SOUTH.add(component obj);
C.	BorderLayout.add(component obj,SOUTH);
D.	add(component obj,Borderlayout.SOUTH);
Answer	**optiona**
Marks:	**2**

629	**Tabbedpane Layout can be changed using:**
A.	setLayout( ) method.
B.	Mentioning layout in addTab( ) method.
C.	Mentioning layout in constructor only.

D.	It can not be changed.
Answer	**optionc**
Marks:	**2**
630	**Which is the correct syntax of next( ) method of ResultSet?**
A.	boolean next( )
B.	int next( )
C.	void next( )
D.	char next( )
Answer	**optiona**
Marks:	**1**
631	**What is return type of getSession( ) method?**
A.	boolean
B.	int
C.	void
D.	HttpSession
Answer	**optiond**
Marks:	**1**
632	**Which of the following method is used to destroy the session?**
A.	dead( )
B.	invalidate( )
C.	Close( )
D.	destroy( )
Answer	**optiond**
Marks:	**1**
633	**The _____ method in servlet life cycle handles all client request.**
A.	init( )
B.	serve( )
C.	execute( )
D.	service( )
Answer	**optiond**
Marks:	**1**
634	**To retrieve a Connection object,………………. Method is used.**
A.	connection( )
B.	establish( )

C.	getConnection( )
D.	getConnected( )
Answer	**optionc**
Marks:	**1**
635	**Following is return type of executeUpdate( ):**
A.	int
B.	ResultSet
C.	void
D.	char
Answer	**optiona**
Marks:	**1**
636	**Which AWT component is not editable?**
A.	Button
B.	TextField
C.	TextArea
D.	Label
Answer	**optiond**
Marks:	**1**
637	**……………………. method is used to lock text box components.**
A.	setText( )
B.	setLock(boolean flag)
C.	setEditable(boolean flag)
D.	hide( )
Answer	**optionc**
Marks:	**1**
638	**Checkable menu items are created using object of ………………….class.**
A.	CheckboxMenuItem
B.	CheckBoxMenuItem
C.	CheckboxGroupMenuItem
D.	CheckableMenuItem
Answer	**optiona**
Marks:	**1**
639	**List can be created for multiple selection by using following constructor.**
A.	List( )

B.	List(int num)
C.	List(boolean flag)
D.	List(int num,boolean multiselect)
Answer	**optiond**
Marks:	**1**
640	**Which method is used to place component manually ?**
A.	void setSize(int width,int height)
B.	void setBounds(int x,int y,int width,int height)
C.	void setLocation(int x,int y)
D.	none of the above
Answer	**optionb**
Marks:	**1**
641	**Scrollbar control generates …………………………. Event.**
A.	ItemEvent
B.	ActionEvent
C.	AdjustmentEvent
D.	ScrollEvent
Answer	**optionc**
Marks:	**1**
642	**Which AWT control is used for multi-line text entry?**
A.	TextBox
B.	TextField
C.	TextArea
D.	Label
Answer	**optionc**
Marks:	**1**
643	**AWT is used for creating a GUI in Java. AWT stands for**
A.	Advanced Web Technology
B.	Abvanced Window Toolkit
C.	Abstract Web Toolkit
D.	Abstract Window Toolkit
Answer	**optiond**
Marks:	**1**
644	**Double-buffering built in, tool tips, dockable tool bars, keyboard accelerators, custom cursors, etc. are new features of ____**

A.	AWT	
B.	Swing	
C.	Both AWT and Swing	
D.	None of the above	
Answer	**optionb**	
Marks:	**1**	
645	**Which class creates a node in Jtree?**	
A.	Node	
B.	DefaultMutableTreeNode	
C.	MutableNode	
D.	TreeNode	
Answer	**optionb**	
Marks:	**1**	
646	**The class which encapsulates both the numerical IP address and the domain name for that address.**	
A.	DatagramPacket	
B.	DatagramSocket	
C.	InetAddress	
D.	ServerSocket	
Answer	**optionc**	
Marks:	**1**	
647	**In the URL, http://www.osborne.com:80/index.htm, 80 represents**	
A.	Host name	
B.	Port number	
C.	File path	
D.	Protocol	
Answer	**optionb**	
Marks:	**1**	
648	**API which controls access to the row result of a given Statement and holds data retrieved from a database after you execute an SQL Statement objects.**	
A.	java.sql.Connection	
B.	java.sql.DriverManager	
C.	java.sql.ResultSet	
D.	java.sql.Statement	
Answer	**optionc**	
Marks:	**1**	

649	In which type of driver must Odbc drivers be loaded on client machine?
A.	Type 1
B.	Type 2
C.	Type 3
D.	Type 4
Answer	**optiona**
Marks:	**1**
650	The interface used to execute SQL stored procedures
A.	Statement
B.	CallableStatement
C.	PreparedStatement
D.	None of the above
Answer	**optionb**
Marks:	**1**
651	Which of the following packages are required to create servlets in java?
A.	javax.servlet, javax.servlet.http
B.	java.servlet, java.servlet.http
C.	servlet.http
D.	http.servlet
Answer	**optiona**
Marks:	**1**
652	On typing a URL on the address bar, which HTTP request gets generated? Select the one correct answer
A.	GET method
B.	POST method
C.	HEAD method
D.	PUT method
Answer	**optiona**
Marks:	**1**
653	Which life cycle method is used to process a client's request?
A.	start()
B.	init()
C.	service()
D.	destroy()
Answer	**optionc**

Marks:	1
654	**Which method is used in the servlet class, to retrieve the input values from HTML page?**
A.	request.getValues()
B.	request.retrieve()
C.	response.getValues()
D.	request.getParameter()
Answer	**optiond**
Marks:	1

655	**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);`
	` }`
	`}`

A.	Because JFrame belongs to the package java.awt
B.	Because JLabel belongs to the package java.awt
C.	Because JTextField belongs to the package java.awt
D.	Because Container belongs to the package java.awt
Answer	**optiond**
Marks:	2

656	**For the below code, how is a JTable object created?**
	`String[] colHeads = { "Name", "Extension", "ID#" };`
	`Object[][] data = {{ "Gail", "4567", "865" },{ "Ken", "7566", "555" }};`

A.	JTable jt=new JTable(data,colHeads);
B.	JTable jt=new JTable(colHeads,data);
C.	JTable jt=new JTable();
D.	JTable jt=new JTable(data);
Answer	**optiona**
Marks:	2
657	**How can a dialog box be closed?**
A.	Using ActionListener
B.	Using DialogListener
C.	Using WindowListener

D.	Using FocusListener
Answer	**optionc**
Marks:	**2**
658	**Pick the correct statement to register a button b for event handling**
A.	b.addActionListener(this);
B.	b.addItemListener(this);
C.	b.addMouseListener(this);
D.	b.addFocusListener(this);
Answer	**optiona**
Marks:	**2**
659	**Pick the correct abstract method which belongs to MouseMotionListener interface**
A.	mouseEntered()
B.	mouseExited()
C.	mouseReleased()
D.	mouseDragged()
Answer	**optiond**
Marks:	**2**
660	**Socket connection = server.accept( );** **In the above statement, server is an object of _____class and accept() method throws _____exception.**
A.	Socket, SocketException
B.	URL, IOException
C.	ServerSocket, IOException
D.	Socket, IOException
Answer	**optionc**
Marks:	**2**
661	**What does "msbte" indicate in the below code?** **Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");** **Connection con=DriverManager.getConnection("jdbc:odbc:msbte");**
A.	It's a table of the database
B.	Data Source Name
C.	Database name
D.	driver name
Answer	**optionb**
Marks:	**2**
662	**In the below code, rs is an object of _____ interface of JDBC API** **while (rs.next()) {**

| | ```
System.out.println(rs.getString(3));
}
``` |
A.	RowSet
B.	Statement
C.	Connection
D.	ResultSet
Answer	**optiond**
Marks:	**2**
663	**In the below statement, which type of query can be used with executeUpdate() method** **statement.executeUpdate(query);**
A.	INSERT, UPDATE, DELETE
B.	INSERT, SELECT, DELETE
C.	ONLY SELECT
D.	any Query
Answer	**optiona**
Marks:	**2**
664	**For the below html code:** **<input type="text" name="username">** **The servlet code to retrieve the value from the text box is:**
A.	String str=req.getValue("username"); where req is HttpServletRequest object
B.	String str=req.getValue("username"); where req is HttpServletRequest object
C.	String str=req.getParameter("username"); where req is HttpServletRequest object
D.	String str=req.retrieveParameter("username"); where req is HttpServletRequest object
Answer	**optionc**
Marks:	**2**
665	**What does the below code do?** **Cookie cookie = new Cookie("mycookie","msbte");** **response.addCookie(cookie);** **where response is object of HttpServletResponse**
A.	Creates a cookie with name as "mycookie" and value as "msbte" and saves it in user's machine
B.	Creates a cookie with name as "mycookie" and value as "msbte" and saves it in server's machine
C.	Creates a cookie with name as "msbte" and value as "mycookie" and saves it in user's machine
D.	Creates a cookie with name as "msbte" and value as "mycookie" and saves it in server's machine
Answer	**optiona**
Marks:	**2**
666	**For the following output window, what type of Event Listener and abstract method implementation should be done for event handling**

	radiobutton?
A.	ActionListener, actionPerformed(ActionEvent e)
B.	ActionListener, actionChanged(ActionEvent e)
C.	ItemListener,itemStateChanged(ItemEvent ie)
D.	ItemListener,itemPerformed(ItemEvent ie)
Answer	**optiona**
Marks:	**2**

667	**For the following client side code of TCP implementation of sockets, what should be the server side code in order to establish con** **both the machines?**
	import java.io.IOException;
	import java.net.*;
	
	public class Client {
	
	    public static void main(String[] args) throws UnknownHostException, IOException {
	    Socket sock=new Socket("127.0.0.1",2000);
	  }
	}

| A. | ```
import java.io.IOException;
import java.net.*;

public class Server {

 public static void main(String[] args) throws IOException {
     ServerSocket ss=new ServerSocket(2000);
     Socket sock=ss.accept();
     System.out.println("Connection Established");
   }
}
``` |
|---|---|
| B. | ```
import java.io.IOException;
import java.net.*;

public class Server {

 public static void main(String[] args) throws IOException {
     ServerSocket ss=new ServerSocket();
     Socket sock=new Socket(2000);
     System.out.println("Connection Established");
   }
}
``` |
| C. | ```
import java.io.IOException;
import java.net.*;

public class Server {

 public static void main(String[] args) throws IOException {
     ServerSocket ss=new ServerSocket(2000);
     System.out.println("Connection Established");
   }
}
``` |
| D. | ```
import java.io.IOException;
import java.net.*;

public class Server {

 public static void main(String[] args) throws IOException {
     ServerSocket ss=new ServerSocket(2000);
     Socket sock=ssop.accept();
     System.out.println("Connection Established");
   }
}
``` |
Answer	**optiona**
Marks:	**2**
668	**Which statements are needed to establish connection to database?**
A.	Class.forName("sun.jdbc.odbc.JdbcOdbcDriver"); Connection c=DriverManager.getConnection("jdbc:odbc:ODSN"," "," ");

| B. | ```
Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
Connection c=DriverManager.getConnection("jdbc:odbc:ODSN"," "," ");
Statement s=c.createStatement();
``` |
|---|---|
| C. | ```
Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
``` |
| D. | ```
c=DriverManager.getConnection("jdbc:odbc:ODSN"," "," ");
``` |
Answer	**optiona**
Marks:	**2**
669	**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");** **}** **}**
A.	IOException, SQLException
B.	MalformedURLException,IOException
C.	ClassNotFoundException, SQLException
D.	ClassNotFoundException, IOException
Answer	**optionc**
Marks:	**2**
670	**Which are the statements related to retrieving table names from a database?**
| A. | ```
…
Connection con = …. ;
MetaData dbmd = con.getMetaData();
String catalog = null;
String schema = null;
String table = "sys%";
String[ ] types = null;
ResultSet rs =
dbmd.getTables(catalog , schema , table , types );
…
``` |
| B. | ```
…
Connection con = …. ;
DatabaseMetaData dbmd = con.getMetaData();
String catalog = null;
String schema = null;
String table = "sys%";
String[ ] types = null;
ResultSet rs =
dbmd.getTables(catalog , schema , table , types );
…
``` |
| C. | ```
…
Connection con = …. ;
MetaData dbmd = con.getData();
String catalog = null;
String schema = null;
String table = "sys%";
String[ ] types = null;
ResultSet rs =
dbmd.retrieveTables(catalog , schema , table , types );
…
``` |
| D. | ```
…
Connection con = …. ;
ResultSet dbmd = con.getData();
String catalog = null;
String schema = null;
String table = "sys%";
String[ ] types = null;
``` |

| | ```
ResultSet rs =
dbmd.retrieveTables(catalog , schema , table , types );
…
``` |
| Answer | **optionb** |
| Marks: | **2** |
| **671** | **In the following code, what are the statements within doGet() method to display "Hello from Servlet" on the web browser.**<br>```
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 {

    }
}
``` |
| A. | ```
PrintWriter pr=response.getWriter();
 System.out.println("Hello from Servlet");
``` |
| B. | ```
PrintWriter pr=request.getWriter();
 pr.println("Hello from Servlet");
``` |
| C. | ```
PrintWriter pr=response.getWriter();
 pr.println("Hello from Servlet");
``` |
D.	None of the above
Answer	**optionc**
Marks:	**2**
672	**For the following output, what is the html <form> tag code?**
A.	`<FORM METHOD="GET" ACTION="/Newservlet/Hello Inigo Montaya">`
B.	`<FORM METHOD="POST" ACTION="/servlet/Hello">`
C.	`<FORM METHOD="GET" ACTION="/servlet/Hello">`
D.	`<FORM METHOD="POST" ACTION="/Newservlet/Hello Inigo Montaya">`
Answer	**optionc**
Marks:	**2**
| **673** | **How is the form data stored as a cookie on client machine? Pick out the correct servlet code for the below html code:**<br>```
<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>
``` |
| A. | ```
String s=request.getParameter("myname");
response.addCookie("name",s);
``` |
| B. | ```
String s=response.getParameter("myname");
Cookie c=new Cookie("n", s);
response.addCookie(c);
``` |
| C. | ```
String s=request.getParameter("myname");
Cookie c=new Cookie("n", s);
request.addCookies(c);
``` |

D.	String s=request.getParameter("myname"); Cookie c=new Cookie("name", s); response.addCookie(c);
Answer	**optiond**
Marks:	**2**
674	**Panel is defined as**
A.	The Panel class is a concrete subclass of Container.
B.	A Panel is a window that does not contain a title bar, menu bar, or border.
C.	Panel is the superclass for Applet
D.	All of above
Answer	**optiond**
Marks:	**1**
675	**Select the proper syntax to addcomponent in an applet**
A.	Component add(Component comoObj)
B.	void add(Component comoObj)
C.	Component add(String compj)
D.	Public void t add(Component compobj)
Answer	**optiona**
Marks:	**1**
676	**Which of the method Choice class returns a string containing the name of the item.**
A.	String getSelectedItem()
B.	int getSelectedIndex()
C.	int getItemCount()
D.	void select(int index)
Answer	**optiona**
Marks:	**1**
677	**Select the proper constructor of FileDialog**
A.	FileDialog(Frame parent, String boxName)
B.	fileDialog((Frame parent, String boxName)
C.	Filedialog(Frame parent, String boxName)
D.	FileDialog(String boxName)
Answer	**optiona**
Marks:	**1**
678	**Which package we need to import while writng swing JRadioButton class**
A.	import java.awt.*;

B.	import javax.swing.*;
C.	import java.awt.event.*;
D.	All of above
Answer	**optionb**
Marks:	**1**
679	**Select the proper constructor of EventObject class**
A.	EventObject(String src)
B.	EventObject(Object src)
C.	EventObject()
D.	All of above
Answer	**optionb**
Marks:	**1**
680	**In which package class AWTEvent defined**
A.	java.awt package;
B.	java.applet.*
C.	java.net.*;
D.	java.lang.*
Answer	**optiona**
Marks:	**1**
681	**Which method is used to return the IPAddress of local machine**
A.	static InetAddress getLocalHost( )
B.	static InetAddress getHostName( )
C.	static InetAddress getHost( )
D.	static InetAddress getByName( )
Answer	**optiona**
Marks:	**1**
682	**The method int getPort( ) of Socket class returns_____**
A.	IP address of local machine
B.	remote port to which this Socket object is connected.
C.	host name of remote machine.
D.	local port to which this Socket object is connected.
Answer	**optionb**
Marks:	**1**
683	**Advantage of JSP over Servlet is_____**

A.	. JSP is web page and servlets are Java programs
B.	JSP is web page scripting language and servlets are Java programs
C.	. JSP is web page scripting language and servlets are simple programs
D.	JSP is program and servlets are scripting language
Answer	**optionb**
Marks:	**1**
684	**getWriter() method can be called by --------------------object**
A.	ServletResponse object
B.	ServletRequest object
C.	ServletConfig object
D.	none of the above
Answer	**optiona**
Marks:	**1**
685	**Select the suitable statement for given output**
A.	TextField,BorderLaout
B.	Label,FlowLayout.RIGHT
C.	Buttons,FlowLayout.RIGHT
D.	Label,flowLaout.Right
Answer	**optionc**
Marks:	**2**
686	**select the proper methods of mouse motion listener**
A.	void mouseClicked(MouseEvent me)
B.	void mouseMoved(MouseEvent me)
C.	void mouseExited(MouseEvent me)
D.	void mouseReleased(MouseEvent me)
Answer	**optionb**
Marks:	**2**
687	**To get the following output complete the code given below.** **import java.awt.*;** **import javax.swing.*;** **/*** **<applet code="jscroll" width=300 height=250>** **</applet>** ***/** ** 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);
 }
}
``` |
| A. | ```
Container contentPane = getContentPane();
contentPane.setLayout(new GridLayout());
``` |
| B. | ```
JPaneljp = new JPanel();
jp.setLayout(new GridLayout(20, 20));
``` |
| C. | ```
int b = 0;
for(int i = 0; i < 20; i++) {
for(int j = 0; j < 20; j++) {
jp.add(new JButton("Button " + b));
++b;
``` |
| D. | ```
   JPaneljp = new JPanel();
   jp.setLayout(new GridLayout(3,3));
   int b = 0;
   for(int i = 0; i <3; i++)
   {
    for(int j = 0; j <3; j++)
    {
       jp.add(new JButton("Button " + b));
       ++b;
    }
   }
``` |
| Answer | **optiond** |
| Marks: | **2** |
| 688 | ```
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=ps1.executeUpdate();
System.out.println("data inserted"+i2);
con.close();
ps.close();
}
catch(Exception e)
{}}
``` |
| A. | ```
String str="insert into  if6g values(?,?)";
PreparedStatement ps=con.prepareStatement(str);
``` |
| B. | ```
String str="insert into  if6g values()";
PreparedStatement ps=con.prepareStatement(str);
``` |
| C. | ```
String str="insert into  if6g values(?,?)";
PreparedStatement ps=con.prepareStatement();
``` |
| D. | ```
PreparedStatement ps=con.prepareStatement(str);
``` |
Answer	**optiona**
Marks:	**2**
689	**select the proper statement to establish the connection with database**
| A. | ```
Connection con=DriverManager.getConnection("Jdbc.odbc : DSN Name");
``` |

B.	```Connection con=DriverManager.getConnection();```
C.	```Statement st= DriverManager.getConnection();```
D.	```Connection con=DriverManager.getconnection("Jdbc.odbc : DSN Name");```
Answer	**optiona**
Marks:	**2**
690	**select the proper syntax of doGet() method**
A.	```void doGet(ServletRequest req,ServletResponse res)throws IOException, ServletException```
B.	```void doGet(HttpServletRequest req,HttpServletResponse res)throws IOException, ServletException```
C.	```void doGet(HttpServletRequest req,HttpServletResponse res)```
D.	```void doGet(HttpServletRequest req, ServletResponse res)throws IOException, ServletException```
Answer	**optionb**
Marks:	**2**
691	**choose the classes of javax.servlet package**
A.	```ServletConfig``` ```ServletContext```
B.	```ServletException``` ```GenericServlet```
C.	```GenericServlet``` ```Servlet```
D.	```ServletRequest and``` ``` ServletResponse```
Answer	**optionb**
Marks:	**2**

692	**Select the missing statement in the program to get the following output**
	
	```importjava.awt.*;```
	```importjava.awt.event.*;```
	```importjavax.swing.*;```
	```/*```
	```<applet code="combodemo" width=300 height=100>```
	```</applet>```
	```*/```
	```public class combodemo extends JApplet```
	```implementsItemListener```
	``` {```
	```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 _____(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"));
A.	itemStateChanged(ActionEvent ie)
B.	actionStateChanged(ItemEvent ie)
C.	itemStateChanged(ItemEvent ie)
D.	None of These
Answer	**optionc**
Marks:	**2**

693	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();
	                  }

A.	import java.sql.*; con.createStatement(s)
B.	import java.sql.*; con.CreateStatement()
C.	import java.sql.*; con.createstatement() st.executeUpdate(s)
D.	import java.sql.*; con.createStatement() st.executeUpdate(s)
Answer	**optionc**
Marks:	**2**
694	select correct statement to delete row from table employee where emp_id=?
A.	String sql="delete from table where emp_id=?"; PreparedStatement st=con.prepareStatement(sql); st.executeUpdate();
B.	String sql="delete from table where emp_id=?"; PreparedStatement st=con.prepareStatement(); st.executeUpdate(sql);
C.	String sql="delete from table where emp_id=?"; PreparedStatement st=con.prepareStatement(sql); st.executeupdate()
D.	String sql="delete from table where emp_id=?"; PreparedStatement st=con.prepareStatement(sql); st.executeStatement();
Answer	**optiona**
Marks:	**2**
695	public class MenuBar extends _____

A.	MenuComponent
B.	MenuContainer
C.	ComponentMenu
D.	MenuBar
Answer	**optiona**
Marks:	**1**
696	The CardLayout class manages the components in such a manner that _____component is visible at a time
A.	multiple
B.	HiddenComponent
C.	Only one
D.	noneof the above
Answer	**optionc**
Marks:	**1**
697	_____ Constructs a new scroll bar with the specified orientation.
A.	Scrollbar(int)
B.	Scrollbar(int,int)
C.	Scrollbar(char)
D.	none of the above
Answer	**optiona**
Marks:	**1**
698	For using Swing control one must import_____pacakge
A.	import javax.swing.*
B.	import awt.swing.*
C.	import java.swing.*G7
D.	none of the above
Answer	**optiona**
Marks:	**1**
699	Internet protocol(IP) is a _____ protocol
A.	Low level routing
B.	High level routing
C.	medium level routing
D.	none of the above.
Answer	**optiona**
Marks:	**1**

700	**Class URL represents _____, a pointer to a "resource" on the World Wide Web**
A.	Uniform Resource Locator
B.	Uniform Resource allocator
C.	Unity Resource Locator
D.	Uniform Respond Locator
Answer	**optiona**
Marks:	**1**
701	**The Type 3 architecture is _____**
A.	JDBC-Net pure Java
B.	JDBC-Native API
C.	JDBC-ODBC Bridge Driver
D.	All of the above
Answer	**optionb**
Marks:	**1**
702	**In 2-tier architecture , the first tier is generally_____**
A.	GUI
B.	Serverside
C.	combination of GUI n Server
D.	None of the above
Answer	**optiona**
Marks:	**1**
703	**The ResultSet _____provides methods for retrieving and manipulating the results of executed queries.**
A.	interface
B.	method()
C.	Event
D.	Pacakge
Answer	**optiona**
Marks:	**1**
704	**_____Defines page-dependent attributes, such as scripting language, error page, and buffering requirements.**
A.	<%@ page ... %>
B.	<%@ include ... %>
C.	<%@ taglib ... %>
D.	none of the above
Answer	**optiona**

Marks:	1
705	A _____ is a small piece of information that is persisted between the multiple client requests.
A.	cookie
B.	url
C.	parameter
D.	JSP
Answer	**optiona**
Marks:	1
706	TLDs are used by a _____ to validate the tags and by JSP page development tools
A.	web container
B.	web browser
C.	World Wide Web
D.	All of the above
Answer	**optiona**
Marks:	1
707	To set new font object with size 48 , name: Serif , Style PLAIN, what will be the statement from the following
A.	new Font("Serif", Font.PLAIN, 48)
B.	new FonType("Serif", Font.PLAIN, 48)
C.	new FonType("Serif", STYLE.PLAIN, 48)
D.	new Font(Name."Serif", Font.PLAIN, 48)
Answer	**optiona**
Marks:	2
708	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");
A.	A & B both
B.	Only A
C.	Only B
D.	none of the above
Answer	**optiona**
Marks:	2
709	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);
A.	A
B.	B
C.	C

D.	none of the above
Answer	**optiona**
Marks:	**2**
710	**To Get All addresses by name of a URL - "www.google.com" following command is used**
A.	InetAddress[] addresses = InetAddress.getAllByName("www.google.com");
B.	Address[] addresses = InetAddress.getName("www.google.com");
C.	InetAddress[] addresses = ("www.google.com").getAllByName;
D.	InetAddress addresses = ByName("www.google.com");
Answer	**optiona**
Marks:	**2**
711	**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.**
A.	ABCDEF
B.	ACBDEF
C.	BCADEF
D.	none of the above
Answer	**optiona**
Marks:	**2**
712	**Methods that set the maximum age of the cookie is : _____**
A.	public void setMaxAge(int secs)
B.	public int getMaxAge()
C.	A & B Both
D.	none of the above
Answer	**optiona**
Marks:	**2**

713	`<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>`

A.	When you open this HTML document in a browser, the input types marked as hidden will not be visible.
B.	When you open this HTML document in a browser, the input types marked as hidden will be visible.
C.	When you open this HTML document in a browser, every and every page will be hidden on that browser
D.	none of the above

Answer	**optiona**
Marks:	**2**
714	**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. }**
A.	Line number 3
B.	Line number 10 and 3
C.	Line number 10
D.	none of the above
Answer	**optionb**
Marks:	**2**
715	**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.}**
A.	No Error
B.	Runtime Error
C.	Line number 10
D.	none of the above
Answer	**optionc**
Marks:	**2**
716	**1.public class sample5 extends Applet** **2.{** **3.public void init()** **4.{** **5.//CheckboxGroup cg=new CheckboxGroup();** **6.Checkbox c1,c2,c3,c4;** **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. }**
A.	Line number 14
B.	Line number 10 & 14

C.	No Error at all
D.	none of the above
Answer	**optiona**
Marks:	**2**
717	**To register a checkbox to event class following statement must get included in your program**
A.	checkBox.addActionListener(actionListener);
B.	checkBox.addItemListener(itemListener);
C.	contentPane.add(checkBox, BorderLayout.NORTH);
D.	Both A & B
Answer	**optiond**
Marks:	**2**
718	**User clicks a button, presses Return while typing in a text field, or chooses a menu item will use the following Listener class /**
A.	ActionListener
B.	ActionListener and MouseMotionListener both
C.	WindowListenerand MouseMotionListener both
D.	actionPerformed()
Answer	**optiona**
Marks:	**2**
719	**To have the following output Insert proper commands in the given code at*_____** **import java.awt.*;** **import java.awt.event.*;** **import java.applet.*;** **import javax.swing.*;** **/*<applet code="SimpleKey1.class" width=400 height=400></applet>*/** **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);** **}** **}**
A.	JApplet implements KeyListener keyPressed(KeyEver
B.	JApplet implements KeyListener keyTyped(KeyEvent
C.	JApplet implements MouseMotionListener keyTyped(K
D.	JApplet keyPressed(KeyEvent ke)

Answer	**optiona**
Marks:	**2**
720	**What is the meaning of following code segment?** **BufferedReader inFromServer =new BufferedReader(new InputStreamReader(clientSocket.getInputStream()));**
A.	new inFromServer object containing data from inputstream object of clientSocket
B.	new clientSocket object containing data from inputstream inFromServer object
C.	simply creates two new clientSocket object and inFromServer object
D.	None of the above
Answer	**optiona**
Marks:	**2**
721	**Connection con=DriverManager.getConnection(url);** **this command will create the following**
A.	new con object of connection class initiated with connection of content of url class
B.	new url object of connection class initiated with connection of content of con class
C.	new connection is established directly by con and urlobjects
D.	None of the above
Answer	**optiona**
Marks:	**2**

722	```try
	{
	Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
	Class.forName("oracle.jdbc.driver.OracleDriver");
	}
	catch(ClassNotFoundException cnfe)
	{
	System.err.println("Error loading driver: " + cnfe);
	}```

A.	Will load two different drivers
B.	Will load only one drivers
C.	Will throw error object
D.	None of the above
Answer	**optiona**
Marks:	**2**
723	**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:odb c: 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("Errooorrrr"+e.getMessage());
            }
            }
            }
```

A.	ResultSet sel = st.executeQuery ("select * from Login");

B.	ResultSet sel = con.executeQuery ("select * from Login");

C.	ResultSet con = sel.executeQuery ("select * from Login");

D.	none of the above

Answer	**optiona**

Marks:	**2**

724	**Non-persistent cookie is valid for_____ session only**

A.	Single

B.	two sessions

C.	not applicable

D.	none of the above

Answer	**optiona**

Marks:	**2**

725	**following is the code to get all the cookies . choose the proper option to fill the blank space in the code** **Cookie ck[]=request.getCookies();** **for(int i=0;i<ck.length;i++){** **out.print(" "+ck[i].getName()+" "+_____//printing name and value of cookie** ** }**

A.	ck[i].getValue());

B.	cookiesk[i].getValue();

C.	ck[i].getValues());

D.	none of the above

Answer	**optiona**

Marks:	**2**

726	**int getServerPort() This method _____**

A.	Returns the port number on which this request was received.

B.	Returns the port name on which this request was received.

C.	Returns the server number on which this request was received.

D.	none of the above

Answer	**optiona**

Marks:	**2**

727	**Following is the jsp code to display the current date and time. Fill in the given blank with proper statement from given options.** **<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>
``` |
A.	`<li>Current time: <%= new java.util.Date() %>`
B.	`<li>Current time: < new java.util.Date()>`
C.	`<%= new java.util.Date() %>`
D.	none of the above
Answer	**optiona**
Marks:	**2**
728	**The concept of the menu bar can be implemented by using three java classes–**
A.	MenuBar
B.	Menu
C.	MenuItem
D.	All of these
Answer	**optiond**
Marks:	**1**
729	**Which is the a constructor of JTabbed Pane**
A.	JTabbedPane(int tabPlacement, int tabLayoutPolicy)
B.	JTabbedPane(int tabPlacement)
C.	Both option A and B
D.	None of the above
Answer	**optionc**
Marks:	**1**
730	**The constructor which the Text Event class defines.**
A.	TextEvent(Object source, int event_type)
B.	textevent (Object source, intevent_type)
C.	TextEvent (object Source, float event_type)
D.	textevent (Object source, string event_type)
Answer	**optiona**
Marks:	**1**
731	**A source generates an event and sends it to _____ listeners that can handle the event**
A.	One
B.	Two
C.	One or more

D.	None of these
Answer	**optionc**
Marks:	**1**
732	_____ is a factory method which returns an array of addresses.
A.	getLocalhost.
B.	getByName.
C.	getAllByName.
D.	getByAddress.
Answer	**optionc**
Marks:	**1**
733	_____ is used to implement reliable, bidirectional, persistent point to point stream based connection.
A.	TCP/IP client and server socket.
B.	FTP/IP client socket.
C.	TCP/IP server socket.
D.	FTP client and server socket.
Answer	**optiona**
Marks:	**1**
734	An API can be created for
A.	applications
B.	libraries
C.	operating systems
D.	All of these
Answer	**optiond**
Marks:	**1**
735	What code would you use to construct a 24-point bold Calibri font?
A.	new Font(Font.Calibri , 24,Font.BOLD);
B.	new Font("Calibri", Font.BOLD,24);
C.	new Font("BOLD ", 24,Font.Calibri);
D.	new Font(Font.Calibri, "BOLD", 24);
Answer	**optionb**
Marks:	**2**
736	Which constructor creates a TextArea with 10 rows and 20 columns?
A.	new TextArea(10, 20);
B.	new TextArea(200);

C.	`new TextArea(new Rows(10), new columns(20));`
D.	`new TextArea(20, 10);`
Answer	**optiona**
Marks:	**2**
737	**Which Componenets and layout manager are used in following output**
A.	`Buttons,Borderlayout`
B.	`Button,Textfield,Borderlayout`
C.	`Button,Label,Borderlayout`
D.	`Label,Applet,Borderlayout`
Answer	**optiona**
Marks:	**2**

738	**find out missing statement in following code**
	
	``
	import java.awt.*;
	import javax.swing.*;
	import java.applet.*;
	public class ass1 extends JApplet implements ItemListener
	{
	JTextAreajtf;
	JComboBoxjb;
	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>*/
	``

A.	`jb.addItemListener(this);`
B.	`import java.awt.event.*;`
C.	`ContentPane.add(jtf);`
D.	`All of these`
Answer	**optiond**
Marks:	**2**
739	**Choose correct sequence of code for given output**

A.	```
	import java.awt.*;
	import java.applet.*;
	/*<applet code="expe2.class" width=300 height=300>*/
	public class expe2 extends Applet
	{
	 Button lbl;
	 Button lbl1;
	 Button lbl2;
	 public void init()
	 {
	 setLayout(new FlowLayout(FlowLayout.RIGHT));
	 lbl=new Button("OK");
	 lbl1=new Button("Cancle");
	``

```
                    lbl2=new Button("Exit");
                    add(lbl);
                    add(lbl1);
                    add(lbl2);
                    }
                    }
```

| B. | ```
import java.awt.*;
import java.applet.*;
public class expe2 extends Applet
{
 Button lbl;
 Button lbl1;
 Button lbl2;
 public void init()
 {
 setLayout(new FlowLayout(FlowLayout.RIGHT));
 add(lbl);
 add(lbl1);
 add(lbl2);
 lbl=new Button("OK");
 lbl1=n}
 }
``` |
|---|---|

| C. | ```
import java.awt.*;
import java.applet.*;
public class expe2 extends Applet
{
 Button lbl;
 Button lbl1;
 Button lbl2;
 public void init()
 {
 setLayout(new FlowLayout(FlowLayout.RIGHT));
 lbl=new Button("OK");
 lbl1=new Button("Cancle");
 lbl2=new Button("Exit");
 }
 }
``` |
|---|---|

| D. | ```
import java.awt.*;
import java.applet.*;
public class expe2 extends Applet
{
 Button lbl;
 Button lbl1;
 Button lbl2;
 public void init()
 {
 setLayout(new FlowLayout(FlowLayout.LEFT));
 lbl=new Button("OK");
  lbl2=new Button("Exit");
  add(lbl);
 add(lbl1);
 add(lbl2);
 }
 }
``` |
|---|---|

Answer	**optiona**

Marks:	**2**

740	**What will be the output of given code** **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();
             }
           }
           /*<APPLET CODE="expt4.class" HEIGHT=200 WIDTH=200></APPLET>*/
```

A.	
B.	
C.	Not Option A nor B
D.	Both A and B
Answer	**optiond**
Marks:	**2**

741	Consider the following code.What should be the correction done in the code to get correct output?
	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.....");
	}
	}

A.	replace statement studste.execute(qry) with studste.execute(studqry)
B.	missing }
C.	missing ;
D.	Both option i and ii
Answer	**optiond**
Marks:	**2**

742	Consider the following code.What will be student table data after executing this code as table was empty.
	
	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); }

            }
        }
```

A.	two record will be inserted

B.	only one record in table

C.	table will be empty

D.	error occurs

Answer	**optionb**

Marks:	**2**

743	Consider the following code.Which statement need to update student table data by this code?
	
	``
	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); }
	
	    }
	}
	``

A.	studste.executequery();

B.	studste.execute();

C.	studste.executeUpdate();

D.	None of above

Answer	**optionc**

Marks:	**2**

744	Consider the following code.find missing statement in code so that get desired output
	``
	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); }
	
	    }
	}
	``

A.	studste.execute();

B.	missing }

C.	String mystring= ("jdbc:odbc:mystudtable");

D.	String s= ("jdbc:odbc:mystudtable");
Answer	**optiond**
Marks:	**2**

745	Consider the following code.find error statement to execute the code
	
	``java
	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!");
	   }
	``

A.	Missing semicolon
B.	missing }
C.	missing)
D.	Both option i and ii
Answer	**optiond**
Marks:	**2**

746	Consider the following code.Find missing statement
	
	``java
	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 =
	      "<!doctype html public \"-//w3c//dtd html 4.0 " +
	      "transitional//en\">\n";
	      out.println(docType +
	              "<html>\n" +
	              "<head><title>" + title + "</title></head>\n" +
	              "<body bgcolor=\"#f0f0f0\">\n" +
	              "<h1 align=\"center\">" + title + "</h1>\n" +
	              " \n" +
	              " First Name: "
	              + request.getParameter("first_name") + "\n" +
	``

	`"  <li><b>Last Name</b>: "`
	`+ request.getParameter("last_name") + "\n" +`
	`"</ul>\n" +`
	`"</body></html>");`
	`    }`
	`}`

A.	`import java.awt.event.*;`
	`import javax.swing.*;`
	`import javax.servlet.http.*;`

B.	`import java.awt.*`
	`import javax.servlet.*;`
	`import java.util.*;`

C.	`import java.io.*;`
	`import javax.servlet.*;`
	`import javax.swing*;`

D.	`import java.io.*;`
	`import javax.servlet.*;`
	`import javax.servlet.http.*;`

Answer	**optiond**

Marks:	**2**

747	`Consider following code.find syntax error in code`
	`import java.io.*;`
	`import java.util.*;`
	`import javax.servlet.*;`
	`import javax.servlet.http.*;`
	
	`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 && dataName.length() > 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);`
	`        }`
	`    }`
	`}`

A.	`error in the  if statement`

B.	`missing }}`

C.	`missig semicolon`

D.	`All of these`

Answer	**optiona**

Marks:	**2**

748	`Consider the following code.Find missing satement`
	`import java.io.*;`
	`import javax.servlet.*;`
	`import javax.servlet.http.*;`
	
	`public class RequestInfo extends HttpServlet {`

```
        public void doGet(HttpServletRequest request,_____ response)
        throws IOException, ServletException
        {
            response.setContentType("text/html");
            PrintWriter out = response.getWriter();
            out.println("<html>");
            out.println("<body>");
            out.println("<head>");
            out.println("<title>Request Information Example</title>");
            out.println("</head>");
            out.println("<body>");
            out.println("<h3>Request Information Example</h3>");
            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("</body>");
            out.println("</html>");
        }


        }
```

A.	HttpServletResponse
B.	ServletResponse
C.	ServletRequest
D.	None of above
Answer	**optiona**
Marks:	**2**
749	**Which method is used to set the dimensions of the window.**
A.	void setSize(Dimension newSize newHeight,int newWidth)
B.	void setSize(int newHeight,int newWidth)
C.	void setSize(new (Dimension newSize))
D.	void setSize(int newWidth, int newHeight)
Answer	**optiond**
Marks:	**1**
750	**Identify wrong constructor of Checkbox**
A.	Checkbox(String str, boolean on)
B.	Checkbox(String str, boolean on, CheckboxGroup cbGroup)
C.	Checkbox(String str, CheckboxGroup cbGroup, boolean on)
D.	None of Above
Answer	**optiond**
Marks:	**1**
751	**_____dialog box is active input is directed to it until it is closed.**
A.	Model
B.	Modeless
C.	Save
D.	Open

Answer	**optiona**
Marks:	**1**
752	_____contols are platform dependant
A.	Swing
B.	AWT
C.	MVC
D.	All above
Answer	**optionb**
Marks:	**1**
753	Combobox is a combination of _____
A.	Swing and AWT
B.	TextField and List
C.	TextField and Dropdown List
D.	None of Above
Answer	**optionc**
Marks:	**1**
754	_____generates an event and sends it to one or more listeners.
A.	Event
B.	Event Source
C.	Event Listener
D.	Event Class
Answer	**optionb**
Marks:	**1**
755	The MouseEvent class does not defines the _____integer constant.
A.	MOUSE_CLICKED
B.	MOUSE_WHEEL
C.	MOUSE_WHEELMOVE
D.	MOUSE_DRAGGED
Answer	**optionc**
Marks:	**1**
756	Which is not a method of URL Connection?
A.	int getContentLength( )
B.	long getDate( )
C.	String getHeaderFieldKey(int idx)

D.	Date getLastModified( )
Answer	**optiond**
Marks:	**1**
757	**Which is connection less protocol**
A.	TCP
B.	DHCP
C.	TCP/IP
D.	UDP
Answer	**optiond**
Marks:	**1**
758	**Which is not a type of JDBC driver**
A.	100% pure java
B.	JDBC-Net pure java
C.	JDBC-Native API
D.	JDBC-Native pure java
Answer	**optiond**
Marks:	**1**
759	**Application Server used in _____**
A.	Three-Tier Mode
B.	Two-Tier Mode
C.	Driver Interface
D.	Driver Manager
Answer	**optiona**
Marks:	**1**
760	**Identify correct servlet interface**
A.	Servlet
B.	GenericServlet
C.	ServletInputStream
D.	ServletOutputStream
Answer	**optiona**
Marks:	**1**
761	**_____method execute at end of servlet life cycle.**
A.	dispose()
B.	setVisible(false)

C.	service()
D.	destroy()
Answer	**optiond**
Marks:	**1**
762	**_____method is secure.**
A.	doGet()
B.	doPost()
C.	Service()
D.	None of Above
Answer	**optionb**
Marks:	**1**
763	**Picture is a _____**
A.	CheckboxMenuItem
B.	Popup Menu
C.	Both
D.	None of Above
Answer	**optiona**
Marks:	**2**
764	**Identify controls used in following output**
A.	TextField,Button
B.	TextField and List
C.	TextField and Slider
D.	TextFiled and Scrollbars
Answer	**optiond**
Marks:	**2**
765	**Identify wrong method of KeyListener**
A.	keyPressed(KeyEvent ke)
B.	keyReleased(KeyEvent ke)
C.	keyTyped(KeyEvent ke)
D.	keyDragged(KeyEvent ke)
Answer	**optiond**
Marks:	**2**
766	**_____ is a mediator used in between Web Server and Client**
A.	Proxy

B.	Host
C.	Server
D.	HTTP
Answer	**optiona**
Marks:	**2**

767	**URL string encompasses four parts in sequence**
A.	1. Network Protocol 2.Host name or address 3.port number 4.File or resource location
B.	1. Host name or address 2.Network Protocol 3.File or resource location 4.port
C.	1.Port 2. Host name or address 3.File or resource location 4. Network Protocol
D.	1. Network Protocol 2.File or resource location 3. Host name or address
Answer	**optiona**
Marks:	**2**

768	**Identify wrong type of ResultSet**
A.	ResultSet.TYPE_FORWARD_ONLY
B.	ResultSet.TYPE_BACKWORD_ONLY
C.	ResultSet.TYPE_SCROLL_INSENSITIVE
D.	ResultSet.TYPE_SCROLL_SENSITIVE
Answer	**optionb**
Marks:	**2**

769	**Steps in JSP Page execution**
A.	1. Compilation 2. Initialization 3. Execution 4. Cleanup
B.	1. Compilation 2. Execution 3. Initialization 4. Cleanup
C.	1. Initialization 2. Compilation 3. Execution 4. Cleanup
D.	None of Above
Answer	**optiona**
Marks:	**2**

770	**Identify components used**
A.	GridLayout
B.	JButton
C.	JButton,ScrollPane

D.	JButton,ScrollBars
Answer	**optionc**
Marks:	**2**
771	**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();** **}** **}**
A.	setLayout(new FlowLayout());
B.	setLayout(new BorderLayout());
C.	setLayout(new GridLayout());
D.	setLayout(new CardLayout());
Answer	**optiona**
Marks:	**2**
772	**Identify default output for given code** **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);** **}** **}**
A.	S1Q4SO1
B.	S1Q4SO2
C.	S1Q4SO3

D.	S1Q4SO4
Answer	**optiond**
Marks:	**2**

773	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 ArrayIndexOutofBound
	{
	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();
	}
	}

A.	main()
B.	add try and catch block
C.	Connection String
D.	ResultSet Type
Answer	**optionb**
Marks:	**2**

774	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();
	}
	}

A.	use ? in PreparedStatement
B.	use values in PreparedStatement
C.	use :? in PreparedStatement
D.	None of Above
Answer	**optiona**
Marks:	**2**
775	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();
}
}
```

A.	Currect PreparedStatement
B.	use values in PreparedStatement
C.	Use statement Class.forName("sun.odbc.jdbc.OdbcJdbcDriver");
D.	Use satement Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
Answer	**optiond**
Marks:	**2**

| 776 | 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();
}
}
``` |
|---|---|

A.	GenericServlet
B.	HttpServlet
C.	FtpServlet
D.	HTMLServlet
Answer	**optionb**
Marks:	**2**

| 777 | 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("@@@@@@@@@@@@@@");
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();
}
}
```

A.	value
B.	name
C.	new data
D.	data
Answer	**optiond**
Marks:	**2**

778	**Identify method used by following url** **http://localhost:8080/examples/servlet/test.html?uid=xyz?pass=vvpp?**
A.	get()
B.	post()
C.	service()
D.	None of Above
Answer	**optiona**
Marks:	**2**

779	**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 != null) {** **pw.print("Last access: " + date + " ");** **}** **date = new Date();** **hs.setAttribute("date", date);** **pw.println("Current date: " + date);** **}** **}**
A.	main()
B.	service()
C.	implements HTML
D.	response.setContentType("text/html");
Answer	**optiond**
Marks:	**2**

780	**Which of the method can be used to output a string in an applet?**
A.	display()
B.	print()
C.	drawString()

D.	transient()
Answer	**optionc**
Marks:	**1**
781	**what layout manager should you use so that every component occupies the same size in the container?**
A.	FlowLayout
B.	GridLayout
C.	BorderLayout
D.	any Layout
Answer	**optionb**
Marks:	**1**
782	**Which of these event is generated when computer gains or loses input focus?**
A.	ComponentEvent
B.	ContainerEvent
C.	FocusEvent
D.	InputEvent
Answer	**optionc**
Marks:	**1**
783	**Which of the following method use to get the text or caption of the button jbt?**
A.	jbt.text()
B.	jbt.getText()
C.	jbt.findText()
D.	jbt.retrieveText()
Answer	**optionb**
Marks:	**2**
784	**Which of the following method use to check whether the JCheckBox jchk is selected?**
A.	jchk.getSelected()
B.	jchk.selected()
C.	jchk.isSelected()
D.	jchk.select()
Answer	**optionc**
Marks:	**2**
785	**The _____object provides you with methods to access data from the table.**
A.	ResultSet
B.	Parameterized

C.	TableStatement
D.	Condition
Answer	**optiona**
Marks:	**2**
786	**The parameters of the PreparedStatement object are _____when the user clicks on the Query button**
A.	initialized
B.	stated
C.	paused
D.	stopped
Answer	**optiona**
Marks:	**2**
787	**In JSP,the classes that allow primitive types to be accessed as objects are known as**
A.	Boxing classes
B.	Wrapped classes
C.	Object classes
D.	UnBoxing classes
Answer	**optionb**
Marks:	**2**
788	**MVC Architecture is**
A.	Modelling-Visual-Control
B.	Model-View-Controller
C.	Mode-Viewable-Control
D.	Many-View-control
Answer	**optionb**
Marks:	**1**
789	**Border Layout is divided into_____regions**
A.	two
B.	three
C.	four
D.	five
Answer	**optiond**
Marks:	**1**
790	**The default layout manager for the content pane of a swing based applet is**
A.	Flow-Layout

B.	Border-Layout
C.	Gridbag-Layout
D.	Grid-Layout
Answer	**optionb**
Marks:	1
791	You can obtain the server's hostname by invoking _____on an applet.
A.	getCodeBase().host()
B.	getCodeBase().getHost()
C.	getCodeBase().hostName()
D.	getCodeBase().getHostName()
Answer	**optionb**
Marks:	1
792	Which Interface is used to execute dynamic SQL statements?
A.	Resultset
B.	PreparedStatement
C.	Statement
D.	ResultSetMetaData
Answer	**optionb**
Marks:	1
793	In JSP a Canvas object provides access to a Graphics object via one of its method called_____
A.	getCanvas()
B.	paint()
C.	getPaint()
D.	getGraphics()
Answer	**optionb**
Marks:	1
794	_____moves the cursor to the specified row
A.	public boolean absolute(int row)
B.	public boolean relative(int row)
C.	public boolean getRow(int row)
D.	public void currentRow()
Answer	**optiona**
Marks:	1
795	_____ is the default layout manager for APPLET.

A.	GridLayout
B.	BorderLayout
C.	FlowLayout
D.	CardLayout
Answer	**optionc**
Marks:	**1**
796	**When a component obtains keyboard focus, which method is invoked?**
A.	void focusGained(FocusEvent fe)
B.	void focusLost(FocusEvent fe)
C.	void keyPressed(KeyEvent ke)
D.	The MouseMotionListener Interface
Answer	**optiona**
Marks:	**1**
797	**A _____ is generated when a component is added to or removed from a container.**
A.	Component Event class
B.	ContainerEvent
C.	Action Event class
D.	Focus Event class
Answer	**optionb**
Marks:	**1**
798	**Which type of driver provides JDBC access one or more ODBC drivers?**
A.	Type 1 driver
B.	Type 2 driver
C.	Type 3 driver
D.	Type 4 driver
Answer	**optiona**
Marks:	**1**
799	**What method is used to specify a container's layout in JSP?**
A.	setContainerLayout()
B.	setLayout()
C.	setConLayout()
D.	layout()
Answer	**optionb**
Marks:	**1**

800	Which method is used to specify before any lines that use the PrintWriter?
A.	setPageType()
B.	setContextType()
C.	setContentType()
D.	setResponseType()
Answer	**optionc**
Marks:	**1**

801	Point out missing word in syntax in given code
	
	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);
	}
	}

A.	FlowLayout
B.	new
C.	{
D.	Both
Answer	**optionb**
Marks:	**2**
802	Which method Returns the output stream of the URL connection ?
A.	getInputStream()
B.	getOutputStream()
C.	getInPutStream()
D.	getOutPutStream()
Answer	**optionb**
Marks:	**2**
803	URLConnection object is retrived using following method?
A.	openConnection()
B.	getConnection()
C.	OnConnection()
D.	All of Above
Answer	**optiona**

Marks:	**2**
| **804** | ```
Microsoft Access  data in a _____file format.
``` |
| A. | ```
.dat
``` |
| B. | ```
.mdb
``` |
| C. | ```
.mssql
``` |
| D. | ```
.obj
``` |
| Answer | **optionb** |
| Marks: | **2** |
| **805** | ```
//Select the correct option for the following code.
import java.awt.*;
import java.applet.*;
import java.awt.event.*;

/*<applet code=scrolldemo width=200 height=300>
</applet>*/

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);
}
}
``` |
| A. | ```
background with value of textfield in r only.
``` |
| B. | ```
background with value of textfield in g only.
``` |
| C. | ```
background with value of textfield in b only.
``` |
| D. | ```
background with combination of r,g and b.
``` |
| Answer | **optiond** |
| Marks: | **2** |
| **806** | ```
For the following code select the method that can be used to handle event.
import java.awt.*;
import java.applet.*;
import java.awt.event.*;

/*<applet code=exp.java width=400 height=400>
</applet>*/
``` |

```
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));
  }


 }
 }
```

A.	itemChanged
B.	actionPerformed
C.	itemStateChanged
D.	None of the Above
Answer	**optionc**
Marks:	**2**

807	Select the proper command to run the following code

```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;



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);
        }
       }
      }
      }
```

A.	`appletviewer fact.java`
B.	`javac fact.java`
C.	`java fact.java`
D.	`java fact`
Answer	**optiond**
Marks:	**2**

808	Consider the following program. What should be the correction done in the program to get colored button output?.
	`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);`
	`}`
	`}`
	`/*<applet code="colordemo" height=150 width=150>`
	`</applet>*/`

A.	`b.setBackground(Color.yellow);`
B.	`setBackground(Color.yellow);`
C.	`b1.setBackground(Color.yellow);`
D.	`b1.setBackGround(Color.yellow);`
Answer	**optionc**
Marks:	**2**

809	Consider the following program. What should be the correction done in the program to see output?.

```
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");
}
}
/*<applet code = authenticateuser height=200 width=200>
</applet>*/
```

A.	add(lblmsg);
B.	Missing {
C.	add(txtpswd);
D.	Some other statement is Missing.
Answer	**optionc**
Marks:	**2**

810	**Which event is generated when the position of scrollbar is changed.Select the correct answer.**
A.	KeyEvent
B.	MouseEvent
C.	ItemEvent
D.	AdjustmentEvent
Answer	**optiond**
Marks:	**2**

811	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);
      }

    }
    }
```

A.	IOException
B.	Connection Statement missing
C.	Missing }
D.	Missing package
Answer	**optionb**
Marks:	**2**

| 812 | 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 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);
  }

}
} |

A.	con.next()
B.	rs.next()
C.	st.next()
D.	none of the Above.
Answer	**optionb**
Marks:	**2**

| 813 | 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 \t"+rs.getDouble(3));
}
s.close();
c.close();
}
}
```

A.	import java.io.*;

B.	import java.net.*;

C.	import java.sql.*;

D.	All of Above

Answer	**optionc**

Marks:	**2**

814	For the following code select the missing statement that can be used .
	 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("Values u entered are:");
	  out.println("Hello "+name+"<br>");
	  out.close();
	  }
	}

A.	String name=request.getParameter("name");

B.	response.setContenttype("text/html");

C.	String name=request.getparameter("name");

D.	None of the Above

Answer	**optiona**

Marks:	**2**

815	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()+"<br>");
	      out.println("the server port: "+request.getServerPort()+"<br>");
	      out.println("the server protocol: "+request.getProtocol()+"<br>");
	      out.println("the server scheme: "+request.getScheme()+"<br>");
	      out.close();
	    }
	 }

A.	response.putWriter()

B.	response.printwriter()

C.	response.getWriter();

D.	request.getWriter();

Answer	**optionc**

Marks:	2
816	The _____ interface is used to handle button events:
A.	ContainerListener
B.	ItemListener
C.	ActionListener
D.	WindowListener
Answer	**optionc**
Marks:	1
817	Name the event that gets generated when a button is clicked.
A.	KeyEvent
B.	MouseEvent
C.	ItemEvent
D.	ActionEvent
Answer	**optiond**
Marks:	1
818	What letter precedes Swing component names that have a corresponding AWT component?
A.	A
B.	S
C.	C
D.	J
Answer	**optiond**
Marks:	1
819	What is the use of setEchoChar() method?
A.	to set echo in symbol form
B.	to set char in symbol form
C.	Both a & b
D.	to create password in symbol form
Answer	**optiond**
Marks:	2
820	From following list Which is not Swing class?
A.	JLabel
B.	JButton
C.	JImageIcon
D.	JCheckBox

Answer	**optionc**
Marks:	**2**
821	**From given list which is not Listener Interface?**
A.	ActionListener
B.	AdjustmentListener
C.	ComponentListener
D.	MousepressedListener
Answer	**optiond**
Marks:	**2**
822	**From given list which is not method of Mouse Listener?**
A.	mouseClicked()
B.	mousePressed()
C.	mouseDragged()
D.	mouseEntered()
Answer	**optionc**
Marks:	**2**
823	**ServerSocket has a method called _____, which is a blocking call that will wait for a client to initiate communications,**
A.	wait()
B.	accept()
C.	waitclient()
D.	None of the above
Answer	**optionb**
Marks:	**2**
824	**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);** **}** **}**
A.	SetLayout(new BorderLayout())
B.	setLayout(new BorderLayout()
C.	setLayout(new Borderlayout())
D.	setLayout(new borderLayout())

Answer	**optionb**
Marks:	**2**
825	**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);** **}** **}**
A.	Win98
B.	winNT
C.	cbg
D.	this
Answer	**optionc**
Marks:	**2**
826	**Which statement should be added to display button.** **import java.awt.*;** **import javax.swing.*;** **/*** **<applet code="JButtonDemo" width=250 height=300>** **</applet>** ***/** **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);** **}** **}**
A.	ContentPane.add(jb);
B.	contentPane.add(jb);
C.	contentPane.add();
D.	contentPane.addButton(jb);
Answer	**optionb**
Marks:	**2**
827	**Select correct Adapter class from given option for ******.** **import java.awt.*;** **import java.awt.event.*;** **import java.applet.*;** **/*** **<applet code="adapterdemo" width=300 height=100>** **</applet>**

```
*/
public class adapterdemo extends Applet
{
public void init()
{
addMouseListener(new A());
}

class A extends *********
{
public void mousePressed(MouseEvent me)
{
showStatus("Mouse Pressed ");
}
}
}
```

A.	MouseMotionAdapter
B.	MouseAdapter
C.	KeyListener
D.	All
Answer	**optionb**
Marks:	**2**

| 828 | ```
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()
{
addMouseMotionListener(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);
}
}
``` |
|---|---|

A.	mouseClicked()
B.	mouseMoved()
C.	mousePressed()
D.	mouseEntered()
Answer	**optionb**
Marks:	**2**

| 829 | ```
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);
}
}
```

A.	mouseReleased()
B.	mouseDragged()
C.	mouseMoved()
D.	mousedragged()
Answer	**optiona**
Marks:	**2**

830	Find error in following program.
	import java.awt.*;
	import java.applet.*;
	
	/*<applet code="choicedemo" width=300 height=180>
	</applet>
	*/
	
	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);
}
}
```

A.	package is missing
B.	Error in html code
C.	both A and B
D.	none of the above
Answer	**optionc**
Marks:	**2**

831	Find Error in following program.
	import java.awt.*;
	
	class URLDemo
	{
	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());
	}
	}

A.	Error in package
B.	Error in Exception
C.	both a and b
D.	none of the above
Answer	**optionc**
Marks:	**2**

832	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)
	    {}
	  }
	}

A.	localhost address
B.	port number
C.	ip address
D.	server address
Answer	**optionb**

Marks:	2

833	What is x in following program:
	
	``java
	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:x");
	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)
	{
	}
	}
	}
	``

A.	Driver name
B.	database name
C.	table name
D.	data source name
Answer	**optionb**

Marks:	2

834	Which is the correct method for updating table rows from given option.
	
	``java
	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)
	{
	}
	}
	}
	``

A.	executeUpdate()
B.	executeQuery()
C.	execute()
D.	ExecuteUpdate()
Answer	**optiona**

Marks:	**2**

835	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();
	}
	}

A.	GenericServlet
B.	genericServlet
C.	HttpServlet
D.	httpServlet
Answer	**optiona**
Marks:	**2**

836	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>
A.	HTTP POST
B.	HTTP GET
C.	post
D.	get
Answer	**optionc**
Marks:	**2**

837	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();
	}
	}

A.	doGet()

B.	doPost()
C.	HTTP GET()
D.	HTTP POST()
Answer	**optionb**
Marks:	**2**
838	**Positions the componenets into five regions:east,west,north,south,center**
A.	CardLayout
B.	BorderLayout
C.	GridLayout
D.	FlowLayout
Answer	**optionb**
Marks:	**1**
839	**The TextArea controls create a _____ respectively.**
A.	Single-line text
B.	Multi-line text
C.	Both a and b
D.	None of these
Answer	**optionb**
Marks:	**1**
840	**Generated when a window is activated, de-activated, closed, de-activated,de-iconified, iconified, opened or quit**
A.	WindowEvent
B.	ComponentEvent
C.	ContainerEvent
D.	InputEvent
Answer	**optiona**
Marks:	**1**
841	**EventObject contains two important methods:_____ and_____**
A.	addTypeListener() and removeTypeListener()
B.	getSource() and toString()
C.	EventObject() and getID()
D.	all of these
Answer	**optionb**
Marks:	**1**
842	**KeyEvent is a subclass of _____**

A.	MouseEvent
B.	MouseMotionEvent
C.	MouseClickEvent
D.	InputEvent
Answer	**optiond**
Marks:	**1**
843	**The openConnection() is the method of which Class?**
A.	URL
B.	URLConnection
C.	Connection
D.	InetAddress
Answer	**optionb**
Marks:	**1**
844	**The _____ package contains classes that help in connecting to a database, sending SQL statements to the database and processing th results.**
A.	connection.sql.*
B.	db.sql.*
C.	pkg.sql.*
D.	java.sql.*
Answer	**optiond**
Marks:	**1**
845	**boolean isLast() method of ResultSet _____ .**
A.	shifts the control of a ResultSet cursor to the last row of the ResultSet
B.	determines whether the ResultSet cursor points to the last row of the ResultSet.
C.	shifts the controls of a ResultSet cursor after the last row of the ResultSet
D.	all of these
Answer	**optionb**
Marks:	**1**
846	**_____ is used to read data from a client request.**
A.	ServletResponse
B.	Servlet
C.	ServletRequest
D.	ServletConfig
Answer	**optionc**
Marks:	**1**

847	Which method does not exist on HttpServlet class?
A.	service()
B.	init()
C.	doGet()
D.	doPost()
Answer	**optionb**
Marks:	1
848	GenericServlet implements the _____ and _____.
A.	Servlet, ServletConfig
B.	ServletRequest, HttpServlet
C.	HttServletRequest, Servlet
D.	HttpResponse, Srvlet
Answer	**optiona**
Marks:	1
849	Which components provide support for two-state buttons?
A.	Button, Checkbox
B.	JCheckBox, JRadioButton
C.	Button, MenuItem
D.	JCheckBox, TextField
Answer	**optionb**
Marks:	2
850	_____ is a widget that displays progress of a lengthy task, for instance file download or transfer.
A.	Scrollbar
B.	ProgressBar
C.	Menubar
D.	Panel
Answer	**optionb**
Marks:	2
851	Which component is display area for a short string of text, image or both?
A.	Jtree
B.	JTextField
C.	Jlabel
D.	JTextArea
Answer	**optionc**

Marks:	**2**
852	**Which option is correct to adding Jtree in an Applet?**
A.	Create a Jtree Object, Create a JScrollPane object, Add the tree to the scrollpane and Add the scroll pane to the content pane of
B.	Create a Jtree object, Create a JScrollPane object, and Add the scrollpane to the content pane of the applet.
C.	Create a JTree object,Add the tree to the scroll pane and Add the scroll pane to the content pane of the applet.
D.	Create a Jscrollpane object, Add the tree the scrollpane and Add the scroll pane to the content pane of the applet.
Answer	**optiona**
Marks:	**2**
853	**If we create the datagram packet with following constructor:** **DatagramPacket(byte data[],int offset, int size, InetAddress ipaddress, int port)** **What "size" parameter specifies?**
A.	size of the packet
B.	Maximum data to read
C.	Minimum data to read
D.	size of offset
Answer	**optiona**
Marks:	**2**
854	**What the index.html specifies in following URL? Http://www/rediff.com:80/index.html**
A.	port number
B.	site number
C.	Folder name/directory name
D.	File name
Answer	**optiond**
Marks:	**2**
855	**Which of the following statement is false as Type 4 driver is concern:**
A.	Type 4 driver is " native protocol, pure java" driver
B.	Type 4 driver are 100% java compatible.
C.	Type 4 drivers uses Socket class to connect to the database
D.	Type 4 drivers can not be used with NetScape.
Answer	**optiond**
Marks:	**2**
856	**Which method returns a servletConfig object that contains any initialization parameters?**
A.	servletConfig getServletConfig()
B.	ServiceConfig getServlet()
C.	ServiceConfig getServletConfig()
D.	ServiceConfig getConfig()

Answer	**optiona**
Marks:	**2**
857	**identify the correct signature of setContextLenght() method of ServletResponse interface.**
A.	String setContextLength(int size)
B.	void setContextLength(String type)
C.	void setContextLength(int size)
D.	void setContextLength()
Answer	**optionc**
Marks:	**2**
858	**Which of the following method is not supported by ServletRequest Interface?**
A.	String getAttributes(String str)
B.	int getContentLength()
C.	void setContextLength(int size)
D.	String getParameter(String pname)
Answer	**optionc**
Marks:	**2**
859	**What will be the correct code for following output?**
| A. | ```
import java.awt.*;
import java.awt.event.*;
class ChoiceAction extends Frame
{
Choice c;
Label l;
    public ChoiceAction()
    {

    // Set frame properties
    setTitle("Choice with ItemListener Demo");
    setSize(400,400);
    setLayout(new FlowLayout());
    setLocationRelativeTo(null);
    setVisible(true);

    // Create choice
    c=new Choice();

    // Create label
    l=new Label();

    // Add items
    c.add("Window98");
    c.add("Window NT");
    c.add("Solari");
    c.add("Maco");

    // Add choice
    add(c);

    // Add label
    add(l);

    // Add item listener
    c.addItemListener(new ItemListener(){
        public void itemStateChanged(ItemEvent ie)
        {
        l.setText("You selected "+c.getSelectedItem());
        }
    });

    }
    public static void main(String args[])
    {
    new ChoiceAction();
``` |

```
            }
      }
```

B.
```
import java.awt.*;
import java.awt.event.*;
class ChoiceAction extends Frame
{
Choice c;
Label l;
    public ChoiceAction()
    {

    // Set frame properties
    setTitle("Choice with ItemListener Demo");
    setSize(400,400);
    setLayout(new FlowLayout());
    setLocationRelativeTo(null);
    setVisible(true);

    // Create choice
    c=new Choice();

    // Create label
    l=new Label();

    // Add items
    c.add("Window98");
    c.add("Window NT");
    c.add("Solari");
    c.add("Maco");

  // Add choice
  add(c);

    // Add label
    add(l);

    // A
        }
    });

    }
    public static void main(String args[])
    {
    new ChoiceAction();
    }
}
```

C.
```
import java.awt.*;
import java.awt.event.*;
class ChoiceAction extends Frame
{
Choice c;
Label l;
    public ChoiceAction()
    {

    // Set frame properties
    setTitle("Choice with ItemListener Demo");
    setSize(400,400);
    setLayout(new FlowLayout());
    setLocationRelativeTo(null);
    setVisible(true);

    // Create choice
    c=new Choice();

    // Create label
    l=new Label();

    // Add items
    c.add("Window98");
    c.add("Window NT");
    c.add("Solari");
    c.add("Maco");

  // Add choice
  add(c);

    // Add label
    add(l);

    // Add item listener
    c.addItemListener(new ItemListener(){

    public static void main(String args[])
    {
    new ChoiceAction();
    }
}
```

| D. | ```java
mport java.awt.*;
import java.awt.event.*;
class ChoiceAction extends Frame
{
Choice c;
Label l;
    public ChoiceAction()
    {

    // Set frame properties
    setTitle("Choice with ItemListener Demo");
    setSize(400,400);
    setLayout(new FlowLayout());
 T");
    c.add("Solari");
    c.add("Maco");

  // Add choice
  add(c);

  // Add label
  add(l);

  // Add item listener
  c.addItemListener(new ItemListener(){
      public void itemStateChanged(ItemEvent ie)
      {
      l.setText("You selected "+c.getSelectedItem());
      }
  });

  }
  public static void main(String args[])
  {
  new ChoiceAction();
  }
}
``` |
| Answer | **optiona** |
| Marks: | **2** |
| **860** | ```
Consider the following program. Find the error.
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
/*<applet code=demo width=100 height=100>
</applet>  */
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);
}
}
``` |
A.	Firstlabel object is not declared
B.	Secondlabel object is not declared
C.	b1 object is not declared
D.	All of above
Answer	**optiond**
Marks:	**2**
| **861** | ```
For the following code select correct statements to complete the code.
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
/*<applet code=demo width=100 height=100>
</applet>  */
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);
}
}
```

A.	AdjustmentEvent, adjustmentValueChanged(AdjustmentEvent ae)
B.	ItemEvent, itemStateChanged(ItemEvent ie)
C.	ActionListener , actionPerformed(ActionEvent ae)
D.	none of these
Answer	**optionc**
Marks:	**2**

862	What will be the output of following code?
	`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 extends MouseAdapter`
	` {`
	`public void mousePressed(MouseEvent me)`
	` {`
	`showStatus("Mouse Pressed");`
	`}`
	`}`
	`}`

A.	S15001
B.	S15002
C.	S15003
D.	S15004
Answer	**optiond**
Marks:	**2**

863	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:mydsn";`
	`                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();
                }

    }
    }
```

| A. | ```
Driver Loaded
    Connection to DataBase created
    ID : 1
    name : ramesh
    Salary : 1200

    ID : 2
    name : ganesh
    Salary : 1111

    ID : 6
    name : Sanjay
    Salary : 9500
``` |
| B. | ```
Driver Loaded
    Connection to DataBase created
    ID : 5
    name : ramesh
    Salary : 1200

    ID : 4
    name : ganesh
    Salary : 1111

    ID : 3
    name : Sanjay
  Salary : 9500
``` |
| C. | ```
Driver Loaded
    Connection to DataBase created
    ID : 1
    name : ramesh
    Salary : 1200

    ID : 2
    name : ganesh
    Salary : 1111

    ID : 3
    name : Sanjay
  Salary : 9500
``` |
| D. | ```
Driver Loaded
    Connection to DataBase created
    ID : 1
    name : ramesh
    Salary : 1200

    ID : 2
    name : sanjay
    Salary : 1111

    ID : 6
    name : ganesh
  Salary : 1111
``` |
Answer	**optiona**
Marks:	**2**
864	**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:mydsn";
                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();    }
}
}
```

A.	Statement
B.	PreparedStatement
C.	Connection
D.	Class
Answer	**optionb**
Marks:	**2**

865	**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(); }
	
	} }
	``

A.	Display student' roll number, student name and percentage.
B.	Display student' roll number, student name and percentage those having percentage greater than 70.
C.	Display student' roll number, student name and percentage those having percentage greater than and equal to 70.
D.	Display student' roll number, student name and percentage those having percentage less than 70.
Answer	**optionb**
Marks:	**2**

866	**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();
        }

}
}
```

A.	stmt.executeUPDATE(querydel);
B.	stmt.ExecuteUpDate(querydel);
C.	stmt.Executeupdate(querydel);
D.	stmt.executeUpdate(querydel);
Answer	**optiond**
Marks:	**2**

867	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();
	}
	}

A.	request.getParameterNames();

B.	request.getparameterNames();
C.	Request.getParameterNames();
D.	request.getParameterName();
Answer	**optiona**
Marks:	**2**
868	**Which of these following is not a component of swing**
A.	Jbutton
B.	List
C.	Jlabel
D.	JTextField
Answer	**optionb**
Marks:	**1**
869	**To create file dialog box _____ class is used**
A.	ComboBox
B.	FileDialog
C.	DialogBox
D.	Dialog
Answer	**optionb**
Marks:	**1**
870	**Change in the state of an object is known as _____**
A.	Applet
B.	Event
C.	Swing
D.	State
Answer	**optionb**
Marks:	**1**
871	**What is event handling?**
A.	Controling Event
B.	Blocking Event
C.	Using Control
D.	Setting Event
Answer	**optiona**
Marks:	**1**
872	**IP Stands for _____**

A.	Internet Principle
B.	Internet Protocol
C.	Internet Provider
D.	Internet Proof
Answer	**optionb**
Marks:	**1**
873	**TCP Stands for _____**
A.	Transmission Control Protocol
B.	Transport Control Protocol
C.	Transmission Certified Protocol
D.	Transfer Internet Protocol
Answer	**optiona**
Marks:	**1**
874	**UDP Stands for _____**
A.	User Data Port
B.	User Datagram Protocol
C.	User Data Provider
D.	User Data Protocol
Answer	**optionb**
Marks:	**1**
875	**Which driver is needed to connect to Microsoft database?**
A.	JDBC-ODBC Bridge Driver
B.	Native API Driver
C.	Network Protocol
D.	Native Protocol
Answer	**optiona**
Marks:	**1**
876	**_____ method of Connection interface is used to create statement**
A.	createStatement()
B.	executeQuery()
C.	Connection()
D.	Class.forName()
Answer	**optiona**
Marks:	**1**

877	CGI stands for _____
A.	Collect Get Intermediate
B.	Common Gateway Interface
C.	Common Gateway Internet
D.	Common Get Inteface
Answer	**optionb**
Marks:	**1**
878	In response to HTTP Request servlet sends _____
A.	HTTP Response
B.	HTML Response
C.	FTP Response
D.	SMTP Response
Answer	**optiona**
Marks:	**1**
879	The HTTPSErvlet class is defined in _____ package
A.	javax.swing
B.	javax.servlet.http
C.	java.awt
D.	java.applet
Answer	**optionb**
Marks:	**1**
880	When we invoke repaint() for a java.awt.Component object, the AWT invokes the method:
A.	draw()
B.	show()
C.	update()
D.	paint()
Answer	**optionc**
Marks:	**2**
881	Which of these methods is used to know host of an URL?
A.	host()
B.	getHost()
C.	GetHost()
D.	gethost()
Answer	**optionb**

Marks:	2
882	```
public void actionPerformed(ActionEvent ae)
{
 if(ae.getSource().equals(submit))
 {
   setBackground(Color.red);
 }
}
```
For above code , state which of the following event listener interface must be imported? |
| A. | MouseListener |
| B. | ActionListener |
| C. | ComponentListener |
| D. | KeyListener |
| Answer | **optionb** |
| Marks: | 2 |
| 883 | which statement is correct?<br>1)MouseClicked() is defined in MouseMotionListener<br>2)MouseEntered() is defined in MouseMotionListener<br>3)MouseMoved() is defined in MouseMotionListener<br>4)MouseReleased() is defined in MouseListener |
| A. | 1,2 |
| B. | 2,3 |
| C. | 1,3 |
| D. | 3,4 |
| Answer | **optiond** |
| Marks: | 2 |
| 884 | 1)For Key events, KeyEvent class is used<br>2)For Mouse motion events, MouseEvent class is used<br>3)For  Component events, ComponentEvent class is used<br>4)For Window events, WindowEvent class is used |
| A. | 1,2,3 are true |
| B. | 1 & 4 are true |
| C. | All are true |
| D. | None of these are true |
| Answer | **optiona** |
| Marks: | 2 |
| 885 | In Graphics class Which method is used to set the graphics current color to the specified color? |
| A. | public abstract void setFont(Font font) |
| B. | public abstract void setColor(Color c) |
| C. | public abstract void drawString(String str, int x, int y) |
| D. | None of the above |
| Answer | **optionb** |
| Marks: | 1 |

| 886 | The _____ arranges components in rows and columns and makes all components the same size. |
|------|------|
| A. | GridLayout manager |
| B. | GridBaglayout manager |
| C. | BorderLayout manager |
| D. | FlowLayout manager |
| Answer | **optiona** |
| Marks: | **1** |
| 887 | **The string parameter to the JButton constructor** |
| A. | tells which region to put the button in |
| B. | tells the color of the button |
| C. | tells what text will appear on the button |
| D. | tells what should happen when the button is pressed |
| Answer | **optionc** |
| Marks: | **1** |
| 888 | _____ is a Swing class that allows the user to enter a single line of text. |
| A. | TextField |
| B. | JTextField |
| C. | EditTextField |
| D. | TextArea |
| Answer | **optionb** |
| Marks: | **1** |
| 889 | **What kind of event is fired when the user selects an item from a checkablemenu?** |
| A. | MenuEvent |
| B. | CommandEvent |
| C. | ItemEvent |
| D. | UserActionEven |
| Answer | **optionc** |
| Marks: | **1** |
| 890 | **Which of these methods is used to know when was the URL last modified?** |
| A. | LastModified() |
| B. | getLastModified() |
| C. | GetLastModified() |
| D. | getlastModified()() |
| Answer | **optionb** |

| Marks: | 1 |
|---|---|
| **891** | **Which of the following describes the correct sequence of the steps involved in making a connection with a database. 1. Loading the Process the results. 3. Making the connection with the database. 4. Executing the SQL statements.** |
| A. | 1,3,4,2 |
| B. | 1,2,3,4 |
| C. | 2,1,3,4 |
| D. | 4,1,2,3 |
| Answer | **optiona** |
| Marks: | 1 |
| **892** | **Which one is the constructor of the Jtable?** |
| A. | JTable(Object data[ ][ ], Object colHeads[ ]) |
| B. | JTable(Hashtable ht) |
| C. | JTable(Vector v) |
| D. | None of the above |
| Answer | **optiona** |
| Marks: | 2 |
| **893** | **itemStateChanged() method take which form from the following?** |
| A. | int itemStateChanged(ItemEvent ie) |
| B. | void itemStateChang(ItemEvent ie) |
| C. | void itemStateChanged(ItemEvent ie) |
| D. | void itemStateChanged(ItemEvent) |
| Answer | **optionc** |
| Marks: | 2 |
| **894** | **In this construtor ServerSocket(int port) creates Server Socket on the specified port with a queue length of _____.** |
| A. | 100 |
| B. | 50 |
| C. | 75 |
| D. | 80 |
| Answer | **optionb** |
| Marks: | 2 |
| **895** | ```
import  java.net.*;

public class URLDemo{

  public static void main(String args[])throws MalformedURLException{
  URL hp  = new  URL("http://www.msbte.com");
  System.out.println("Protocal:" +  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());
  }
} What will be the output of above code?
``` |

| A. | ```
Protocal:http
Port:-1
Host:www.msbte.com
File:
Ext:http://www.msbte.com
``` |
| B. | ```
Protocal:http
Port:-1
Host:www.javajazzup.com
File: msbte
Ext:http://www.msbte.com
``` |
| C. | ```
Protocal:http
Port:80
Host:www.msbte.com
File:
Ext:http://www.msbte.com
``` |
| D. | ```
Protocal:http
Port:-1
Host:www.msbte.com
File:
Ext://www.msbte.com
``` |
Answer	**optiona**
Marks:	**2**
896	**Which is the correct option from the following for JDBC driver types?**
A.	1 JDBC-ODBC bridge plus ODBC driver, also called Type 1. 2 Native-API, partly Java driver, also called Type 2. 3 JDBC-Net, pure Java driver, also called Type 3. 4 Native-protocol, pure Java driver, also called Type 4.
B.	1 JDBC-ODBC bridge plus ODBC driver, also called Type 1. 2 Native-protocol, pure Java driver, also called Type 2. 3 JDBC-Net, pure Java driver, also called Type 3. 4 Native-API, partly Java driver, also called Type 4.
C.	1 JDBC-Net, pure Java driver, also called Type 1. 2 Native-API, partly Java driver, also called Type 2. 3 JDBC-ODBC bridge plus ODBC driver, also called Type 3. 4 Native-protocol, pure Java driver, also called Type 4.
D.	None of these
Answer	**optiona**
Marks:	**2**
897	**What is the purpose of next() method?**
A.	next ( ) method is used to retain next elements in a series.
B.	next ( ) method is used to retain next table
C.	next () method is used to retain next record in a series.
D.	None of the above
Answer	**optiona**
Marks:	**2**
898	**Which of the following piece of code shows how to retrieve the value of the Row Id for a particular Row?**
| A. | ```
String selectQuery = " select rowid from Employees where id ='123' ";
ResultSet resultSet = statement.executeQuery("selectQuery");
java.sql.Rowid rowId = resultSet.getRowId();
``` |
| B. | ```
String selectQuery = " select rowid from Employees where id ='123' ";
ResultSet resultSet = statement.executeQuery("selectQuery");
java.sql.Rowid rowId = ResultSet.getRowId();
``` |

C.	`String selectQuery = " select rowid from Employees where id ='123' ";`
	`ResultSet resultSet = Statement.ExecuteQuery("selectQuery");`
	`java.sql.Rowid rowId = resultSet.getRowId();`

D.	None of the above
Answer	**optiona**
Marks:	**2**
899	**Syntax of Scriptlet Element**
A.	<% code %>
B.	<@jsp code %>
C.	<jsp: scriptlet code />
D.	<%jsp code %>
Answer	**optiona**
Marks:	**2**
900	**How many Button objects are required to get the following output**
A.	4
B.	2
C.	1
D.	3
Answer	**optiond**
Marks:	**2**
901	**The following step is for** **stmt.executeUpdate(sql);** ** sql = "INSERT INTO Registration " +** ** "VALUES(103, 'Sumit', 'Mittal', 28)";** ** stmt.executeUpdate(sql);**
A.	Insert
B.	delete
C.	update
D.	Display
Answer	**optiona**
Marks:	**2**
902	**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);
}
}
}
``` |
| A. | ```
Connection is closed  : false
Connection is closed  : true
``` |
| B. | ```
Connection is closed  : true
``` |
| C. | ```
Connection is closed  : true
Connection is closed  : true
``` |
| D. | ```
Connection is closed  : false
Connection is closed  : false
``` |
| Answer | **optiona** |
| Marks: | **2** |
| 903 | ```
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 + "<br>");
}
Date = new Date();
hs.setAttribute("date", date);
pw.println("Current date: " + date);
}
} find the error in the above code.
``` |
A.	`Date = new Date();`
B.	`public void doGet(HttpServletRequest request)`
C.	Both A and B
D.	No error
Answer	**optionc**
Marks:	**2**
904	**How would you set the color of a graphics context called g to cyan?**
A.	`g.setColor("cyan’);`
B.	`g.setCurrentColor(cyan);`
C.	`g.setColor("Color.cyan");`
D.	`g.setColor(Color.cyan);`
Answer	**optiond**
Marks:	**1**
905	**Which of the following are passed as an argument to the paint( ) method?**
A.	A Canvas object
B.	A Graphics object
C.	An Image object

D.	A paint object
Answer	**optionb**
Marks:	**1**
906	**A GUI stands for _____.**
A.	uses buttons, menus, and icons
B.	should be easy for a user to manipulate
C.	stands for Graphical User Interface
D.	Both A) and B)
Answer	**optionc**
Marks:	**1**
907	**The constructor which is used to create client socket is _____.**
A.	Socket(InetAddress IPAddress, int port).
B.	ServerSocket(int port).
C.	ServerSocket(int port, int maxQueue).
D.	Socket(int port).
Answer	**optiona**
Marks:	**1**
908	**The constructor which is used in ServerSocket may be_____.**
A.	Socket (Inet Address, int port, IP Address).
B.	ServerSocket (int port)
C.	ServerSocket (int maxQueue, Inet Address).
D.	ServerSocket(int maxQueue, Inet Address localAddress).
Answer	**optionb**
Marks:	**1**
909	**Calling ServerSocket() constructor with port value 'zero' means_____.**
A.	use a port number zero that is automatically allocated.
B.	use a port number zero that is automatically destroyed.
C.	use a port number zero that is automatically connection created.
D.	use a port number zero that is automatically stop.
Answer	**optiona**
Marks:	**1**
910	**Which datagram method returns the byte array of data contained in the datagram?**
A.	InetAddress getAddress()
B.	int getPort().

C.	byte[] getData()
D.	byte[] getAddress().
Answer	**optionc**
Marks:	**1**
911	**During Initialization of Servlet, a servlet instance can throw _____.**
A.	An UnavailableException
B.	A ServletException
C.	Both A and B
D.	None of these
Answer	**optionc**
Marks:	**1**
| **912** | ```
importjava.awt.*;
importjava.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);
}
} /*<applet code=list2.class height=200 width=200>
</applet>*/
``` |
A.	
B.	
C.	
D.	
Answer	**optionc**
Marks:	**2**
913	**which Listeners are required for following output.**
A.	MouseMotionListener
B.	MouseListener, MouseMotionListener
C.	MouseListener
D.	None of the Above
Answer	**optionb**
Marks:	**2**
914	**Which is mssing statement in the following code import java.awt.*;** **import java.awt.event.*;** **import javax.swing.*;** **import java.applet.*;** **/*<applet code="JRadio1" width=300 height=100></applet>*/** **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);
        }
        }
```

A.	a1.additemListener(this);
B.	g1.addActionListener(this);
C.	r1.addEventListener(this);
D.	None of the above
Answer	**optionb**
Marks:	**2**
915	**The Applet class is in ………..package**
A.	java.applet
B.	java.io
C.	java.awt
D.	java.util
Answer	**optiona**
Marks:	**1**
916	**ODBC is not appropriate for direct use from java because it uses a ....**
A.	C interface
B.	C# interface
C.	java interface
D.	Both A and C
Answer	**optiona**
Marks:	**1**
917	**which package contains color class?**
A.	java.awt
B.	java.graphics
C.	java.applet

D.	java.frame
Answer	**optiona**
Marks:	**2**
918	**Select the proper command to run the following code** **import java.awt.*;** **import java.applet.*;** **/*** **<applet code="textdemo25" width=300 height=100>** **</applet>** ***/** **public class textdemo25 extends Applet** **{** **public void init()** **{** **TextField jt=new TextField(30);** **add(jt)** **}** **}**
A.	appletviewer textdemo25 .java
B.	javac textdemo25.java
C.	java textdemo25
D.	All of the Above
Answer	**optiona**
Marks:	**2**
919	**What Component will be displayed in output of Following Code** **import java.awt.*;** **import java.applet.*;** **/*** **<applet code="Mydemo25" width=300 height=100>** **</applet>** ***/** **public class Mydemo25 extends Applet** **{** **public void init()** **{** **TextField jt=new TextField(30);** **add(jt);** **add(new Button("OK"));** **}** **}**
A.	TextBox
B.	Button
C.	TextBox and Button
D.	Depends on System
Answer	**optionc**
Marks:	**2**

920	**what will bw the output of the following program:**
	          import java.awt.*;
	     import javax.swing.*;

```java
public class 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();
}
}
```

A.	The output will display buttons in a sequence 5 4 3 2 1
B.	The output will display buttons in a sequence; 1 2 3 4 5
C.	The output will display buttons in a sequence; 3 4 5 2 1
D.	The output will display buttons in a sequence; 5 3 4 1 2
Answer	**optiona**
Marks:	**2**

921	What will be the output of the following program:
	
	``java
	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);
	        }
	}
	``

A.	The output will display Two buttons labelled "OK" and "Cancle";

	The button with label "cancel" will be disabled
B.	The output will display Two buttons labelled "OK" and "Cancle"; The button with label "OK" will be disabled
C.	The output will display Two buttons labelled "OK" and "Cancle"; Both the button with label "ok" and "cancel" will be disabled
D.	The output will display Two buttons labelled "OK" and "Cancle"; No button will be disabled
Answer	**optiona**
Marks:	**2**

922	**Observe the following program**
	    import java.sql.*;
	    class TYIFCon{
	    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");
	      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);}
	    }
	    }

A.	This program will fetch all the records of emp table.
B.	This program will not fetch all the records of emp table.
C.	This program will fetch some the records of emp table.
D.	none of the above
Answer	**optiona**
Marks:	**2**

923	**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);}
	    }
	    }

A.	In This program executeUpdate() must be replaced by executeQuery()
B.	In This program executeUpdate() must be replaced by executeQueryUpdate()
C.	In This program executeUpdate() must be replaced by executeUpdateQuery()
D.	none of the above
Answer	**optiona**
Marks:	**2**

924	**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);}

         }
```

A.	There is compiler error of missing a closing curly bracket
B.	There is compiler error of missing a opening curly bracket
C.	There is compiler error of extra a closing curly bracket
D.	none of the above
Answer	**optiona**
Marks:	**2**

925	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);}
	
	    }
	``

A.	Following statement is missing Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
B.	Following statement is missing Connection c=DriverManager.getConnection(url);
C.	No statement is missing
D.	Both a and b
Answer	**optiona**
Marks:	**2**

926	Observe the program and what will the output:
	``
	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 HelloServelet 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();
	    }
	    }
	``

A.	This program will read user name and two values and display the sum of two values
B.	This program will read only two values and display the sum of two values
C.	This program will read user name and one value and display
D.	This program will read user name and two values and display the sum of three values
Answer	**optiona**
Marks:	**2**

927	Following Java program will throw exception _____.Select any one option from given options
	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("<html><body>");
	    pw.println("Welcome to servlet");
	    pw.println("</body></html>");
	    pw.close();
	    }}

A.	throws ServletException,IOException
B.	throws ServletException
C.	throws IOException
D.	throws ArrayIndexOutofBound
Answer	**optiona**
Marks:	**2**
928	Which of the following is passive AWT control?
A.	Label
B.	Button
C.	Checkbox
D.	TextField
Answer	**optiona**
Marks:	**1**
929	Which is the immediate super class of Applet?
A.	Container
B.	Component
C.	Frame
D.	Panel
Answer	**optiond**
Marks:	**1**
930	FlowLayout does not support this value of alignment…
A.	FlowLayout.LEFT
B.	FlowLayout.CENTER

C.	FlowLayout.RIGHT
D.	FlowLayout.BASELINE
Answer	**optiond**
Marks:	**1**
931	**Permission class belongs to which package?**
A.	java.security
B.	java.lang.object
C.	java.permission.security
D.	java.security.permission
Answer	**optiona**
Marks:	**1**
932	**Abbreviate the term DSN**
A.	Digital Source Name
B.	Data Socket Name
C.	Data String Name
D.	Data Source Name
Answer	**optiond**
Marks:	**1**
933	**The default horizontal and vertical gap in FlowLayout is…..**
A.	0 pixel
B.	1 Pixel
C.	5 Pixel
D.	10 Pixel
Answer	**optionc**
Marks:	**2**
934	**To construct a text area that is 80 character-widths wide and 10 character-heights tall, select appropriate code.**
A.	new TextArea(80, 10)
B.	new TextArea(10, 80)
C.	new TextArea(40, 80)
D.	new TextArea(80, 40)
Answer	**optionb**
Marks:	**2**
935	**Is it possible to change display character of TextField?How?**
A.	Not possible.

B.	Yes,by using setChar() method.
C.	Yes,by using setEchoChar() method.
D.	Yes,by using setDisplayChar() method.
Answer	**optionc**
Marks:	**2**

936	**What is correct code for the given problem statement:** **Develop a program to send a message from client to server and server should send back any message to client.**
| A. | ```java
import java.lang.*;
import java.io.*;
import java.net.*;

class Server {
    public static void main(String args[]) {
        String data = "Toobie ornaught toobie";
        try {
            ServerSocket srvr = new ServerSocket(1234);
            Socket skt = srvr.accept();
            System.out.print("Server has connected!\n");
            PrintWriter out = new PrintWriter(skt.getOutputStream(), true);
            System.out.print("Sending string: '" + data + "'\n");
            out.print(data);
            out.close();
            skt.close();
            srvr.close();
        }
        catch(Exception e) {
            System.out.print("Whoops! It didn't work!\n");
        }
    }
}
``` |
| B. | ```java
import java.lang.*;
import java.io.*;
import java.net.*;

class Client {
    public static void main(String args[]) {
        try {
            Socket skt = new Socket("localhost", 1234);
            BufferedReader in = new BufferedReader(new
                InputStreamReader(skt.getInputStream()));
            System.out.print("Received string: '");

            while (!in.ready()) {}
            System.out.println(in.readLine()); // Read one line and output it

            System.out.print("'\n");
            in.close();
        }
        catch(Exception e) {
            System.out.print("Whoops! It didn't work!\n");
        }
    }
}
``` |
C.	both A & B
D.	None
Answer	**optionc**
Marks:	**2**

| 937 | **This is an example of Statement interface that?**<br><br>```java
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();
    }
    }
``` |
A.	deletes the record
B.	retrieve the record
C.	updates the record
D.	inserts the record
Answer	**optionb**
Marks:	**2**
| 938 | **Consider the following program.**<br>**What should be the correction done in the program to get correct output?**<br><br>```
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();
}
}
``` |
A.	Missing Semicolon
B.	Missing {
C.	Missing }
D.	Missing package
Answer	**optiond**
Marks:	**2**
| 939 | **Consider the following program.   Identify which statement contains error.**<br><br>```
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<=num;i++)
{
fact=fact*i;
}
out.println("The factorial of number is");
out.println(fact);
out.close();
}
}
``` |
| A. | Error in package |
| B. | Error in doGet() method |

C.	Error in for loop
D.	Error in getParameter() method return value of request parameter.
Answer	**optiond**
Marks:	**2**

940	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.println("<B>MyCookie has been set to");
	pw.println(data);
	pw.close();
	}
	}

A.	response.add(cookie);
B.	response.addCookie(cookie);
C.	request.addCookie(cookie);
D.	request.add(cookie);
Answer	**optionb**
Marks:	**2**

941	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 i=1;i<=10;i++) { %> <%sum=sum+i; %> <% } %> YYY Which statement must be added at the location of YYY to print the sum of ten numbers.
A.	<% sum %>
B.	<% sum; %>
C.	<%=sum %>
D.	<%=sum; %>
Answer	**optionc**
Marks:	**2**

942	Which are the subclasses of the container class?
A.	Windows,Panel,ScrollPane.
B.	ScrollPane,Vector,String.
C.	Thread,Vector,String.
D.	Applet,InetAddress,Vector.
Answer	**optiona**
Marks:	**1**

943	2. What is the purpose of JTable?
A.	JTable object displays rows of data.
B.	JTable object displays columns of data.
C.	JTable object displays rows and columns of data.
D.	JTable object displays data in Tree form.
Answer	**optionc**
Marks:	**2**
944	_____ class is neccessary to implements Datagram
A.	DatagramPacket
B.	DatagramSocket
C.	None
D.	both a and b
Answer	**optiond**
Marks:	**2**

945	The program given below is for _____
	
	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);
	  }
	   }
	}

A.	Server side
B.	client side
C.	both side
D.	None of above
Answer	**optionb**
Marks:	**2**
946	Where is Metadata stored in MYSQL?
A.	In MYSQL database Metadata
B.	In MYSQL database Metasql
C.	In MYSQL database Mysql

D.	None of above
Answer	**optionc**
Marks:	**2**

947	select the missing statement in the following code
	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());
	  }
	}

A.	import javax.swing.*;
B.	import javax.Swing.io.*;
C.	import javax.Swing.awt.*;
D.	import java.Swing.*;
Answer	**optiona**
Marks:	**2**

948	**Which one is not the Layout Manager**
A.	GridLayout
B.	FlowLayout
C.	BorderLayout
D.	setLayout
Answer	**optiond**
Marks:	**2**

949	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);
	
	 }

	}
A.	`javac Paneldemo.java`
B.	`java Paneldemo.java`
C.	`java Paneldemo`
D.	`javac Paneldemo`
Answer	**optiona**
Marks:	**2**

950	what will be the result of following code if value of no1=no2=no3=2 and Button pressed="ok";

```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
/*<applet code "adddemo.class" height=400 width=400>
 </applet code>
 */
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;
  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);
}
}
```

A.	2
B.	4
C.	6

D.	8
Answer	**optionc**
Marks:	**2**
951	**Which method is Applicable for ItemListener interface ?**
A.	actionPerformed(ActionEvent ae)
B.	action(ActionEvent ae)
C.	itemStatechanged(ItemEvent e)
D.	itemStatechanged(EventItem e)
Answer	**optionc**
Marks:	**1**
952	**Event class is defined in which of these libraries?**
A.	java.io
B.	java.lang
C.	java.net
D.	java.util
Answer	**optiond**
Marks:	**2**

953	**What is the ouput of following 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);
	
	}
	
	}

A.	local m/c Address
B.	Server Address
C.	both I and ii
D.	none of above
Answer	**optiona**
Marks:	**2**
954	**What is the ouput 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.excuteUpdate();
	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");
	}

A.	Sql error
B.	Other error
C.	Table created
D.	table not created
Answer	**optionc**
Marks:	**2**

955	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 establised");
	   con.close();
	
	  }catch(SQLException e){} catch (ClassNotFoundException e) {
	   // TODO Auto-generated catch block
	   e.printStackTrace();
	  }
	 }
	}

A.	Missing Semicolon
B.	Missing {
C.	Missing }
D.	missing statement
Answer	**optiona**
Marks:	**2**
956	Window, frame and dialog use _____ as their default layout.
A.	BorderLayout
B.	FlowLayout
C.	GridLayout
D.	GridBagLayout
Answer	**optiona**
Marks:	**1**
957	A _____ is a component that appears as a group of folders in a file cabinet.

A.	JTabbedPane
B.	JTree
C.	JTable
D.	JProgressBar
Answer	**optiona**
Marks:	1
958	The parameters of the PreparedStatement object are .... when the user clicks on the Query button.
A.	initialized
B.	stopped
C.	paused
D.	started
Answer	**optiona**
Marks:	1
959	The .... method executes an SQL statement that may return multiple results.
A.	executeUpdate()
B.	executeQuery()
C.	execute()
D.	noexecute()
Answer	**optionc**
Marks:	1
960	Give the examples of Application Server from the following?
A.	JBoss
B.	Weblogic
C.	Java Application Server
D.	All of the above
Answer	**optiond**
Marks:	1
961	Which method of the component class is used to set the position and the size of a component?
A.	setSize()
B.	setEditable()
C.	setBounds()
D.	setVisible(100,200)
Answer	**optionc**
Marks:	2

962	Which of the following MouseMotionListener interface methods?
A.	mouseReleased(MouseEvent me),mouseMoved(MouseEvent me)
B.	mouseExited(MouseEvent me), mousePressed(MouseEvent me),
C.	mouseClicked(MouseEvent me), mouseEntered(MouseEvent me)
D.	mouseDragged(MouseEvent me), mouseMoved(MouseEvent me)
Answer	optiond
Marks:	2
963	Which is reserved port of HTTP & FTP
A.	80 & 21
B.	25 & 21
C.	80 & 79
D.	79 & 25
Answer	optiona
Marks:	2
964	Which maintains a cursor pointing to a particular row of data,Initially, cursor points to before the first row?
A.	Connection interface
B.	Statement interface
C.	ResultSet interface
D.	PreparedStatement interface
Answer	optionc
Marks:	2

965	What happens after executation of following 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.");
	  }
	  }
	  }
	 }

A.	SQL Error
B.	Missing statement
C.	Successfully Run and table is created.

D.	Other Error.
Answer	**optionc**
Marks:	**2**

966	Consider the following programe & find the error statement.
	
	``java
	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);
	
	ResultSet rs=st.executeQuery("select * from login");
	
	while(rs.next()){
	System.out.println(rs.getString(1));
	}
	}catch(Exception ee){System.out.println(ee);}
	}
	}
	``

A.	Connecction not established.
B.	Missing Statement st=c.createStatement();
C.	Other Error
D.	Successfully Run
Answer	**optionb**
Marks:	**2**

967	What happens after execution of following code
	
	``java
	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());
	    }
	  }
	}
	``

A.	Connecction not established.
B.	Connecction OK.
C.	Statement and Resultset Missing
D.	Other Error.
Answer	**optionb**
Marks:	**2**

968	What happens after executation of following code
	
	``java
	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("</HTML></BODY>");
        out.close();
}
}
```

A.	Successfully run and display the user name.
B.	Missing Service()
C.	Error in programe
D.	new Cookie("MyCookie", data);
Answer	**optiona**
Marks:	**2**

969	**What happens after execution of following code**
	
	```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("<HTML><BODY><H2>SESSION TRACKING DEMO</H2>");```
	``` pw.println("You Have Visited This Page: "+count+"times");```
	``` pw.println("Session ID is :"+session.getId());```
	``` pw.println("</HTML></BODY>");```
	``` }```
	```}```

A.	Missing session object
B.	Successfully run and display visited page count , session ID.
C.	Resource is not Found.
D.	None of Above
Answer	**optionb**
Marks:	**2**

970	**The coordinate of the upper-left corner of a frame is _____.**
A.	(10, 10)
B.	(100, 100)
C.	(25, 25)
D.	(0, 0)
Answer	**optiond**
Marks:	**1**

971	**Which of the follwing is constructor of Jtable?**
A.	JTable(Object data[][])

B.	JTable(Object colHeads[])
C.	JTable(Object colHeads[],Object data[][])
D.	JTable(Object data[][], Object colHeads[])
Answer	**optiond**
Marks:	1
972	The superclass of ContainerEvent, FocusEvent and WindowEvent is _____ .
A.	ActionEvent
B.	ComponentEvent
C.	InputEvent
D.	None of the above
Answer	**optionb**
Marks:	1
973	_____ protocol supports fast point to point datagram oriented model.
A.	TCP/IP
B.	UDP
C.	SNMP
D.	FTP
Answer	**optionb**
Marks:	1
974	The First task in JDBC is _____ .
A.	to establish a connection
B.	register a driver
C.	create a statement
D.	collect the resultset
Answer	**optionb**
Marks:	1
975	DELETE statement of an SQL is executed by _____.
A.	execute()
B.	executeQuery()
C.	executeUpdate()
D.	executeDelete()
Answer	**optionc**
Marks:	1
976	Which packages represent interfaces and classes for servlet API?

A.	javax.servlet
B.	javax.servlet.http
C.	both a and b
D.	None of the above
Answer	**optionc**
Marks:	**1**

977	**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.**
A.	Controller
B.	Component
C.	Content
D.	None of the above
Answer	**optiona**
Marks:	**2**

978	**What method is used to handle item events from menus, checkboxes, and radio buttons?**
A.	itemStateChanged()
B.	getItemEvent()
C.	addItemListener()
D.	None of the above
Answer	**optiona**
Marks:	**2**

979	**Which of the following does NOT generate GUI events?**
A.	Typing in a text field.
B.	Selecting an item from a menu.
C.	Displaying the text in a label.
D.	Moving the mouse.
Answer	**optionc**
Marks:	**2**

980	**When a connection is created, by default it is in _____**
A.	rollback mode
B.	execute mode
C.	select mode
D.	auto commit mode
Answer	**optiond**
Marks:	**2**

981	_____ uses doGet(),doPost(),doHead,doDelete(),doTrace().
A.	GenericServlet
B.	HttpServlet
C.	both a and b
D.	None of the above
Answer	**optionb**
Marks:	**2**

982	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(" Select Color:");
	  Choice ch=new Choice();
	  ch.addItem("Red");
	  ch.addItem("Green");
	  ch.addItem("Blue");
	  TextField jtf1=new TextField(12);
	  add(jlb1);
	  add(ch);
	  add(jtf1);
	  ch.addItemListener(this);
	 }
	 public void itemStateChanged(ItemEvent ie)
	 {
	  String s=(String)ie.getItem();
	  jtf1.setText(s);
	 }
	}

A.	Error is in the statement String s=(String)ie.getItem();
B.	Error is in package statement
C.	Error is in the itemStateChanged() method
D.	No error
Answer	**optiona**
Marks:	**2**

983	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);
	 }
	}

A.	import java.awt.event.*;

B.	`city.addItemListener(this);`

C.	`add(city);`

D.	All of the above

Answer	**optiond**

Marks:	**2**

| 984 | **What is the output of this program?**<br>```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
/*<applet code="Demo1" width=200 height=80> </applet>*/
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());
 }
}
``` |
|---|---|

A.	

B.	

C.	

D.	

Answer	**optiona**

Marks:	**2**

| 985 | **Analyse the following code and find out missing statement.**<br>```
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);
  }
}
``` |
|---|---|

A.	applet tag is missing

B.	Jtree root node is missing

C.	missing package statement

D.	None of the above

Answer	**optionc**

Marks:	**2**

986	What is the purpose of following code?
| | ```java
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();
 }
}
``` |

A.	Deletes one record from emp

B.	No record will be deleted

C.	Deletes all the record from emp

D.	Deletes emp table

Answer	**optionc**

Marks:	**2**

| 987 | Analyse the following code and find errors.
```java
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();
 }
}
``` |
| --- | --- |

A.	Error is in package statement

B.	Error is in Connection ststement

C.	Error is in driver registering statement

D.	Error is in query execution statement

Answer	**optiond**

Marks:	**2**

| 988 | Analyse the following code and find out missing statement.
```java
import java.sql.*;
class Record
{
 public static void main(String args[])throws Exception
 {
  Connection con=DriverManager.getConnection("jdbc:odbc:xyz");
  Statement stmt=con.createStatement();
    ResultSet rs=stmt.executeQuery("select * from emp where id=101");
  System.out.println("EmpName\tDesignation\tSalary");
  where(rs.next())
  {
   System.out.println(rs.getString(2)+"\t"+rs.getString(3)+"\t"+rs.getInt(4));

  }
    con.close();
 }
}
``` |
| --- | --- |

A.	Missing semicolon

B.	Missing {

C.	Missing driver registration statement

D.	Missing }

Answer	**optionc**
Marks:	**2**

989	Analyse the following code and find out errors
	import java.sql.*;
	class Record
	{
	 public static void main(String args[])throws Exception
	 {
	  Class.forName("jdbc.odbc.JdbcOdbcDriver"); Connection
	con=DriverManager.getConnection("jdbc:odbc:mydsn");
	  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();
	 }
	}

A.	Error is in statement in which connection is established
B.	Error is in statement in which result is processed
C.	Error is in statement in which driver is registerd
D.	Error is in statement in which query is executed
Answer	**optionc**
Marks:	**2**

990	Analyse the following code and fill the appropriate statement in the blanks
	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:mydsn");
	  Statement stmt=con.createStatement();
	    ResultSet rs=stmt._____("select * from emp where id=101");
	  System.out.println("EmpName\tDesignation\tSalary");
	  where(rs.next())
	  {
	   System.out.println(rs.getString(2)+"\t"+rs.getString(3)+"\t"+rs.getInt(4));
	  }
	    con.close();
	 }
	}

A.	execute()
B.	executeUpdate()
C.	executeQuery()
D.	executeSelect()
Answer	**optionc**
Marks:	**2**

991	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(" Welcome to Servlet ");
	  }
	}

A.	doGet
B.	service
C.	doPost
D.	doDelete
Answer	**optionb**
Marks:	**2**

992	**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>**
A.	Value=10
B.	Hello World! Value=100
C.	Hello World! Value=10
D.	Hello World! Value=(2*5)
Answer	**optionc**
Marks:	**2**

993	**Which is various methods of TextField control from following?**
A.	getIcon(),setText(),getText()
B.	getText(),setText(),setEchoChar()
C.	getTextField(),setTextField()
D.	textfield(),setTextfield()
Answer	**optionb**
Marks:	**1**

994	**_____is the constructor of List control.**
A.	list(int col,int row)
B.	List(int numRows, boolean multipleSelect)
C.	List(int numRows, boolean col)
D.	List(int numRows, boolean multipleSelect,int rows)
Answer	**optionb**
Marks:	**1**

995	**Which are various methods of WindowListener interface from following?**
A.	void windowOpened(WindowEvent we), void windowIconified(WindowEvent we)
B.	void windowDeiconified(WindowEvent we), void windowDeactivated(WindowEvent we)

C.	void windowClosing(WindowEvent we),	void windowClosed(WindowEvent we),
D.	All above	
Answer	**optiond**	
Marks:	**1**	

996	**Which of these is an adapter class?**
A.	ItemAdapter
B.	ActionAdapter
C.	ListAdapter
D.	MouseAdapter
Answer	**optiond**
Marks:	**1**

997	**Which is not valid method of URL class?**
A.	getPort()
B.	getHost()
C.	getProtocol()
D.	getUrl()
Answer	**optiond**
Marks:	**1**

998	**Select the missing statement in given code** **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=JScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED;** **int h=JScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED;** **JScrollPane p=new JScrollPane(it,v,h);** **Container co=getContentPane();** **co.add(p,BorderLayout.CENTER);** **}** **}** **/*<applet code=table width=300 height=300></applet>*/**

A.	JTable it=new JTable(data,s);
	int v=JScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED;
	int h=JScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED;
	JScrollPane p=new JScrollPane(it,v,h);

B.	JTable it=new JTable(data,s);
	int v=JScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED;
	int h=JScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED;

C.	JTable it=new JTable(data,s);
	int v=JScrollPane.VERTICAL_SCROLLBAR_AS_NEEDED;
	int h=JScrollPane.HORIZONTAL_SCROLLBAR_AS_NEEDED;
	JScrollPane p=new JScrollPane(it,v,h);
	addWindowListener(new MyAdapter());
	addMpouseListener(new MyAdapter());

D.	JTable it=new JTable(data,s);
Answer	**optiond**
Marks:	**2**

999	Find the error of following code
	`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();`
	
	    `}`
	`}`

A.	line no4 JDBC driver not loaded properly
B.	no error data inser into database
C.	Try and catch block missing
D.	sql package not imported properly
Answer	**optionc**
Marks:	**2**

1000	Consider the following output. Find the missing statement in the 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; // 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);`
	    `}`
	`}`

A.	addKeyListener();
B.	addListener();
C.	addKeyListener(this);
D.	None of the above
Answer	**optionc**
Marks:	**2**

| 1001 | 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();

    }
} |
```
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();

    }
}
```

A.	try{ } catch(Exception e){}
B.	s.executeQuery(s1);
C.	s.executeUpdate(s1)
D.	s.execute(s1)
Answer	**optionc**
Marks:	**2**

| 1002 | 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.executeUpdate(s1);
         s.close();
         conn.close();

    }
} |

A.	Missing semicolon
B.	missing package
C.	mssing try and catch block
D.	All above
Answer	**optionc**
Marks:	**2**

| 1003 | 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();

    }
} |

A.	Missing semicolon
B.	exception in main class notfound sun:jdbc:odbc:JdbcOdbcDriver
C.	Missing }
D.	program is correct
Answer	**optionb**
Marks:	**2**
1004	**In java an event is an _____ which specifies the change of state in the source.**
A.	Class
B.	Object
C.	Int
D.	String
Answer	**optionb**
Marks:	**1**
1005	**which of these method of DatagramPacket is used to find the length of byte Array**
A.	getnumber( )
B.	length( )
C.	getLength()
D.	Length( )
Answer	**optionc**
Marks:	**1**
1006	**Which interface provides methods to execute queries with the database?**
A.	Connection interface
B.	Statement interface
C.	ResultSet interface
D.	ResultSetMetaData interface
Answer	**optionb**
Marks:	**1**
1007	**Name the location of compiled class files within a jar file?**
A.	/META-INF/classes
B.	/classes
C.	/WEB-INF/classes
D.	/root/classes
Answer	**optionc**
Marks:	**1**

1008	Select the missing statement in the program to get the following output
| | ```
import java.awt.*;
 import java.awt.event.*;
 import java.applet.*;
 /* <applet code="ChoiceDemo" width=300 height=180> </applet> */
 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);
  }
 }
``` |
A.	new Choice();
B.	city = new Choice();
C.	city = Choice();
D.	c= new choice( )
Answer	**optionb**
Marks:	**2**
1009	**To establish the connection with the specified url?**
A.	public static void registerDriver(Driver driver)
B.	public static void deregisterDriver(Driver driver)
C.	public static Connection getConnection(String url)
D.	public static Connection getConnection(String url,String userName,String password)
Answer	**optionc**
Marks:	**2**
| 1010 | Consider the following program What should be the correction done in the program to get the correct output?<br>```
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"); }
          }
     }
``` |
| A. | missing JDBC driver |
| B. | missing semicolon |

C.	`missing statement`
D.	`missing prepareStatement`
Answer	**optionb**
Marks:	**2**
1011	**select correct code for display given output**
| A. | ```
public class FlowTest extends Applet {
  public void init() {
    setLayout(new FlowLayout());
    for(int i=1; i<6; i++) {
      add(new Button("Button " + i));
    }
  }
}
``` |
| B. | ```
public class FlowTest extends Applet {
  public void init() {
    setLayout(new GridLayout(2,4));
    for(int i=1; i<6; i++) {
      add(new Button("Button " + i));
    }
  }
}
``` |
| C. | ```
import java.awt.*;
imort java.applet.*;
/*<applet code="FlowTest.class" width=200 height=300></applet>*/


public class FlowTest extends Applet {
  public void init() {
   // setLayout(new FlowLayout());  Default
    for(int i=1; i<6; i++) {
      add(new Button("Button " + i));
    }
  }
}
``` |
| D. | ```
public class FlowTest extends Applet {
  public void init() {
    setLayout(new BoxLayout());
    for(int i=1; i<6; i++) {
      add(new Button("Button " + i));
    }
  }
}
``` |
Answer	**optionc**
Marks:	**2**
1012	**select the correct code for display the given output**
| A. | ```
import javax.swing.*;
import java.awt.*;

public class ShowLayout extends JFrame
{
  public ShowLayout (String s)
  {
    Container c = f.getContentPane();
    c.setLayout (new FlowLayout());

      c.add (new Button("NO"));
      c.add (new Button("Batter");

      c.add(new Label("Swing"));
  }
  public static void main (String args[])
  {
    JFrame f = new ShowLayout("JFrame Example");
    f.setVisible(true);
   }
}
``` |
| B. | `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 < 5; i++)
                        {
                          c.add (new Button("NO"));
                        }
                         c.add (new Button("Batter"));
                         c.add(new Label("Swing"));

                      }
                      public static void main (String args[])
                      {
                        JFrame f = new ShowLayout("JFrame Example");
                        f.setVisible(true);
                       }
                    }
```

C.	

```
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 < 5; i++)
    {
      c.add (new Button("NO"));
      c.add (new Button("Batter"));
    }
     c.add(new Label("Swing"));

  }
  public static void main (String args[])
  {
    JFrame f = new ShowLayout("JFrame Example");
    f.setVisible(true);
   }
}
```

D.	

```
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 < 4; i++)
    {
      c.add (new Button("NO"));
      c.add (new Button("Batter"));
    }
     c.add(new Label("Swing"));

  }
  public static void main (String args[])
  {
    JFrame f = new ShowLayout("JFrame Example");
    f.setVisible(true);
   }
}
```

Answer	**optionc**
Marks:	**2**

1013	**select the proper output for the following code** **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);
add(b1);
}
public void actionPerformed(ActionEvent ae)
{
if (ae.getSource()==b1)
{
t1.setText("Welcome to PCTE");
}
if (ae.getSource()==b2)
{
t1.setText("BYE BYE");
}
}
}
/* <applet code = eh.class width=200 height=200>
</applet> */
```

A.	
B.	
C.	
D.	
Answer	**optionc**
Marks:	**2**

1014	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();
}
}
```

A.	ActionListener, addActionListener,actionPerformed, ActionEvent
B.	TextListener, addTextListener,textValueChanged, TextEvent
C.	ActionListener, addActionListener, textValueChanged, TextEvent
D.	TextListener, addTextListener,actionPerformed, ActionEvent
Answer	**optiona**
Marks:	**2**

1015	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 FlowLayout());
    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) {
  }
}
```

A.	windowClosing()
B.	windowActivated()
C.	windowOpened()
D.	windowDeiconified()
Answer	**optiona**
Marks:	**2**

| 1016 | what is the missing statement in following program to access the database using jdbcodbc connection

`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");`
`System.out.println(name+", "+desc+"\t: "+qty+"\t@ $"+cost);`
` }`
`con.close();`
`}`
`catch(ClassNotFoundException e){`
`e.printStackTrace();`
`}`
`catch(SQLException e){`
`e.printStackTrace();`
`}`
`}`
`}` |

A.	Statement stmt = con.createStatement();
B.	PreparedStatement ps=con.prepareStatement(query);
C.	stmt = con.createStatement();
D.	Statement stmt = createStatement();
Answer	**optiona**
Marks:	**2**

1017	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");`
	`}`

A.	executeQuery()
B.	executeUpdate()
C.	execute( )
D.	prepareStatement()
Answer	**optiona**
Marks:	**2**

1018	Which Exceptions are generated by 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.execute("create table TEST12345 ( firstcolumn integer )");`
	`            s.execute("insert into TEST12345 values(1)");`
	`            s.execute("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();`
	`    }`
	
	`}`

A.	ClassNotFoundException, SQLException
B.	SQLException
C.	ClassNotFoundException
D.	MalformedException
Answer	**optiona**
Marks:	**2**

1019	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){ }`
	`    }`
	
	`}`

A.	Not display in output
B.	connection established

C.	display the error
D.	connection not established
Answer	**optionb**
Marks:	**2**

1020	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.
	
	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?

A.	The client must be disoperating the servlet call
B.	The request attributes set are -ve numbers
C.	Many clients must be accessing the servlet
D.	The setAttribute method is not written properly.
Answer	**optionc**
Marks:	**2**
1021	By default flowlayout uses _____justification.
A.	Left
B.	Right
C.	Center
D.	Top
Answer	**optionc**
Marks:	**1**
1022	Which is true about swing?
A.	Swing components are platform independent.
B.	Swing is also called as JFC(Java Foundation Class)
C.	Swing components are light weight.
D.	All the above
Answer	**optiond**
Marks:	**1**
1023	Control not support by awt are
A.	Button,Label
B.	Checkbox,Menu
C.	TabbedPane,Table
D.	TextField ,TextArea

Answer	**optionc**
Marks:	**1**
1024	**The delegation Event model is based on the concept of**
A.	source
B.	listener
C.	Both A and B
D.	None of these
Answer	**optionc**
Marks:	**1**
1025	**_____ is abstract class for representing access to a system resource.**
A.	Permission
B.	Policy
C.	Policyspi
D.	Acess
Answer	**optiona**
Marks:	**1**
1026	**A socket is combination of**
A.	IP address
B.	Port
C.	Both A and B
D.	None of above
Answer	**optionc**
Marks:	**1**
1027	**class.forName() method throws**
A.	IOException
B.	ClassNotFoundException
C.	SQLException
D.	UnknownException
Answer	**optionb**
Marks:	**1**
1028	**Which method decides whether doGet() or doPost() method to call?**
A.	service
B.	doOption
C.	doMethod

D.	init
Answer	**optiona**
Marks:	**1**
1029	**JSP implicit object associated with request is**
A.	HttpRequest
B.	ServletRequest
C.	Request
D.	HttpServeletRequest
Answer	**optiond**
Marks:	**1**
1030	**Consider following output.Identify controls used.**
A.	Checkbox,TextField,Button,Choice
B.	Checkbox,Label,TextField,Button
C.	Checkbox,TextArea,Button,List
D.	Checkbox,TextArea,Button,Label
Answer	**optiond**
Marks:	**2**

1031	**Consider the folowing code.Select the proper scrollbar constant for blank line in code .**
	
	``java
	import javax.swing.*;
	import java.applet.*;
	import java.awt.*;
	
	/* <applet code="ScrollDemo" width=300 height=100>
	   </applet>
	*/
	
	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);
	    }
	}
	``

A.	VERTICAL_SCROLLBAR_ALWAYS
B.	VERTICAL_SCROLLBAR_AS_NEEDED
C.	Both I and ii
D.	VERTICAL_SCROLLBAR_NEEDED
Answer	**optionc**
Marks:	**2**
1032	**Identify layout used in the output given below.**
A.	BorderLayout
B.	GridLayout

C.	`FlowLayout`
D.	`CardLayout`
Answer	**optionb**
Marks:	**2**

1033	Consider following output.
	Find the missing statement in the following program to get above output.
	``java
	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);
	     }
	}
	``

A.	`hmenu.add(jmenu);`
B.	`mb.add(jmenu);`
C.	`mbr.add(jmenu);`
D.	`m.add(jmenu);`
Answer	**optionb**
Marks:	**2**

1034	Consider the following code.Select proper method to handle event.
	``java
	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");
	``

| | ```
  }
}
``` |

A.	keyActivated(KeyEvent e)

B.	KeyActivated(KeyEvent e)

C.	keyTyped(KeyEvent e)

D.	KeyType(KeyEvent e)

Answer	**optionc**

Marks:	**2**

| 1035 | Select the missing statement in the program to get correct output.<br>```
import java.awt.*;
import javax.swing.*;
/* <applet code="SqNoDemo" width=300 height=100>
    </applet>
*/
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));
      }
   }
}
``` |
|---|---|

A.	import java.awt.event.*;

B.	b1.addActionListener(this);

C.	add(b1);

D.	All the above

Answer	**optiond**

Marks:	**2**

1036	Select the proper InetAddress factory method.

A.	String InetAdress getHostAddress()

B.	static InetAddress getHostName()

C.	static InetAddress getLocalHost()

D.	string getLocalHostName()

Answer	**optionc**

Marks:	**2**

1037	Methods such as next(),previous(),last(),first() are of which interface?

A.	ResultSet
B.	ResultSetMetaData
C.	ResultData
D.	PreparedStatement
Answer	**optiona**
Marks:	**2**

1038	**Task performed by filter is**
A.	Logging and auditing.
B.	Data compression.
C.	Authentication and blocking of request.
D.	All the above
Answer	**optiond**
Marks:	**2**

1039	**What is the difference between cookies and Httpsession?**
A.	Cookies works at clientside whereas HttpSession works at serverside.
B.	Cookies works at serverside whereas HttpSession work at clientside.
C.	Both are same
D.	None of above
Answer	**optiona**
Marks:	**2**

1040	**What will be the o/p of following jsp code?** **<%= if (Math.random()<0.5)%>** **hello** **<%=} else { %>** **hi <%}%>**
A.	The browser will print either hello or hi based upon the return value of random.
B.	The string hi will always get printed.
C.	The string hello will always get printed.
D.	The JSP file will not compile.
Answer	**optiond**
Marks:	**2**

| 1041 | **Consider the following program**
What will be displayed in the output?
import java.awt.*;
import javax.swing.*;
/* <applet code="JTabbedPaneDemo" width=300 height=100>
**   </applet>**
*/
public class JTabbedPaneDemo extends JApplet
{
** public void init()**
** {**
**   JTabbedPane jtp=new JTabbedPane();**
**   jtp.addTab("Fruit",new FruitPanel());**
**   jtp.addTab("Color",new ColorPanel());** |

```
      jtp.addTab("Vegitables",new VegitablePanel());
      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 VegitablePanel extends JPanel
{
   public VegitablePanel()
   {
     JButton b1=new JButton("Potato");
     add(b1);
     JButton b2=new JButton("Brinjal");
     add(b2);
     JButton b3=new JButton("Tomato");
     add(b3);
   }
}
```

A.	Applet containing fruit panel,color panel and vegitable panel.
B.	Applet containing only color panel
C.	Applet containing vegitable panel
D.	Applet without any controls.
Answer	**optiond**
Marks:	**2**

1042

```
Consider the following program.Find the listener implemented by applet.
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
/*
<applet code="Loan" width=200 height=300>
</applet>
*/
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 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(" ");
 }
}
}
```

A.	AdjustmentListener

B.	ActionListener

C.	ItemListener

D.	Both B and C

Answer	**optiond**

Marks:	**2**

1043	Consider the following program
	Find the error in program to get correct output.
	`import java.applet.*;`
	`import java.awt.*;`
	`import java.awt.event.*;`
	`/* <applet code = "MouseEvent" width = 400 height = 200> </applet> */`
	`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();
}
}
}
``` |
|---|---|
A.	Error in init() method
B.	Error in start() method
C.	Error in paint() method
D.	Error in mymouselistener class
Answer	**optiond**
Marks:	**2**
| 1044 | ```
For the following code select the listener implemented by class
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
/* <applet code="JRadioEvent" width=300 height=100>
   </applet>
*/

public class JRadioEvent extends JApplet implements _____
{
    ButtonGroup grp;
    JRadioButton red,pink,green;
    JTextArea ta;
    public void init()
    {
        setLayout(new 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");
        }
    }
}
``` |
A.	ActionListener
B.	ComponentListener
C.	ItemListener
D.	MouseListener
Answer	**optiona**
Marks:	**2**

1045	In following java program fill statement showing *****.
	Select any one option from given options.
	
	``java
	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);
	}
	}
	}
	``

A.	getByName();
B.	getByName("www.msbte.com");
C.	getName( );
D.	getName("www.msbte.com");
Answer	**optionb**
Marks:	**2**

1046	Consider the following program.What shoud be added to the program to get the correct output.
	``java
	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);
	        }
	    }
	}
	``

A.	ps.executeQuery();
B.	ps.executeUpdate();
C.	ps.execute();
D.	ps.executeInsert();
Answer	**optionb**
Marks:	**2**

1047	Consider the following code, What should be the correction done in the program to get correct output.
	
	``java
	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);
            }

        }
    }
```

A.	Missing {

B.	Missing semicolon

C.	Missing Statement

D.	Missing }

Answer	**optiond**

Marks:	**2**

| 1048 | Consider the following code, Find the missing statement to get correct output.<br><br>```
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);
     }

  }
}
``` |
|------|----|

A.	Missing import java.sql.Connection;

B.	Missing import java.sql.DriverManager;

C.	Missing import java.sql.PreparedStatement;

D.	All the above

Answer	**optiond**

Marks:	**2**

| 1049 | Consider the given code.What should be the correction in the program to get correct output?<br>```
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);
                }
            }
        }
```

A.	Type of exception not mentioned
B.	Error in catch block
C.	Error in close
D.	Error in loop
Answer	**optiona**
Marks:	**2**

1050	Consider the following code.Select the missing statement to get proper output.
	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(" ");
	    }
	
	}

A.	req.addCookie(c);
B.	res.addCookie(c);
C.	addCookie(c);
D.	res.addCookie();
Answer	**optionb**
Marks:	**2**

1051	Consider the following code.What should be added to the program to get correct output..
	<%@ page language="java"%>
	<%@ page import="java.lang.*"%>
	<html>
	<body>
	<H1><center>Result for <%=request.getParameter("a1")%></center></H1>
	<%
	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 <%=k%>

	</body> </html>
A.	<%
B.	<
C.	%>
D.	>
Answer	**optionc**
Marks:	**2**
1052	**You Can set the alignment of the string within the label by calling _____**
A.	getAlignment()
B.	setText()
C.	setAlignment()
D.	getText()
Answer	**optionc**
Marks:	**1**
1053	**A_____ is component that presents a rectangular area in which a component may be viewed**
A.	Tabbed Pane
B.	Scroll Pane
C.	Glass Pane
D.	All of above
Answer	**optionb**
Marks:	**1**
1054	**To retrieve the current state of a check box,call _____**
A.	setState()
B.	setLabel()
C.	getState()
D.	getLabel
Answer	**optionc**
Marks:	**1**
1055	**_____ lays out components in a two dimensional grid**
A.	FlowLayout
B.	GridLayout
C.	CardLayout
D.	BorderLayout
Answer	**optionb**

Marks:	**1**
1056	**windowEvent is a subclass of _____**
A.	component
B.	EventObject
C.	TextEvent
D.	Jcomponent()
Answer	**optionb**
Marks:	**1**
1057	**Which class is used to designed to be a "listener" which waits for client to connect before doing anything.**
A.	Socket
B.	Datagram
C.	ServerSocket
D.	Both A & C
Answer	**optionc**
Marks:	**1**
1058	**Every driver must provide a class that should implement the _____**
A.	Driver interface
B.	Device manager
C.	connection
D.	url
Answer	**optiona**
Marks:	**1**
1059	**Choose correct scopes into JSP**
A.	page,request,session,application
B.	page,response,session,application
C.	page,request,response,session
D.	None of these
Answer	**optiona**
Marks:	**1**
1060	**_____ class provides functionality that makes it easy to handle requests and responses.**
A.	ServetRequest
B.	ServletResponse
C.	GenericServlet
D.	None of these

Answer	**optionc**
Marks:	**1**
1061	The_____package contains a number of interfaces and classes that are commonly used by servlet developers
A.	`javax.servelet.server`
B.	`javax.servet.http`
C.	`javax.servlet.session`
D.	`javax.servlet.genericServlet`
Answer	**optionb**
Marks:	**1**

1062	Select the missing statement in given code
	`import java.applet.*;`
	`import java.awt.event.*;`
	`import java.awt.*;`
	`/*<applet code=event1.class width=250 height=250>`
	`</applet>*/`
	`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));`
	` }`
	`}`
	`}`

A.	`actionPerformed(ActionEvent ae)`
B.	`itemStateChanged(ActionEvent ae)`
C.	`InputEvent(ActionEvent ae)`
D.	`Both A&b`
Answer	**optiona**
Marks:	**2**
1063	which of the following is not type of keyEvent class
A.	`KEY_PRESSED`
B.	`KEY_RELEASED`

C.	KEY_DOWN
D.	KEY_TYPED
Answer	**optionc**
Marks:	**2**
1064	**Which of the follwing method is used for sending SQL statements**
A.	Statement
B.	Callablestatement()
C.	Preparedstament
D.	Both C & B
Answer	**optiona**
Marks:	**2**
1065	**The difference between servelets and JSP is the**
A.	Translation
B.	Compliation
C.	Syntax
D.	Both A & B
Answer	**optionc**
Marks:	**2**
1066	**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);
}
}
``` |
A.	Exception type is wrong.
B.	Applet Tag not decleared in code
C.	Creation of object is not correct.
D.	Use of created object not correct
Answer	**optionb**
Marks:	**2**
| 1067 | ```
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");
}
``` |
A.	Driver loaded
B.	Driver loaded Connection to database created
C.	SQL error
D.	SQLException
Answer	**optionb**
Marks:	**2**
| 1068 | **In following Java program fill statement showing _____.Select any one option from given options**<br><br>```
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(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");
}
```

A.	createStatement();
B.	executeQuery(sql);
C.	getConnection()
D.	None of theses
Answer	**optionb**
Marks:	**2**

1069	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");
	}

A.	Missing semicolon
B.	Missing {
C.	Missing } and Incomplete ResultSet Statement
D.	Missing statement.
Answer	**optionc**
Marks:	**2**

1070	In folloWing Java program which package is used
	
	public class HellosServlet extends HttpSevlet
	{
	public void doPost(HttptReuest request,httpResponse response)
	trows ServletException,IOException
	{
	string color=request.getParameter("color")
	 responce.setConteType("text/html");
	PrintWriter pw=responce.getWriter();
	pw.println("<B>The selected color is:");
	pw.println(color);
	pw.close();
	}
	}
	<html>

| | ```
<body>
<form name="Form1"
  method="post"
  action:""http://localhost:8080/examples/servlet/HelloServlet">
<B>Color:</B>
<select name="color"size="1">
<option value="Red">Red</option>
</select>
<br><br>
<input type=submit value="submit">
</form>
</body>
</html>
``` |
| A. | ```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
``` |
| B. | ```
import java.io.*;
import javax.servlet.*;
``` |
| C. | ```
import java.io.*;
import javax.servlet.*;
import javax.servlet.GenericServlet.*;
``` |
| D. | ```
import java.io.*;
import java.servlet.*;
import java.servlet.http.*;
``` |
Answer	**optiona**
Marks:	**2**
1071	**Why we use Applet?**
A.	to display a GUI
B.	to display a WINDOW
C.	None of the above
D.	Option A) and B) FROM this
Answer	**optiond**
Marks:	**1**
1072	**To draw a line in applet, we use following method**
A.	drawLine()
B.	DRAWLINE()
C.	DrawLine()
D.	None of this
Answer	**optiona**
Marks:	**1**
1073	**For adding controls to a window, we use following method**
A.	remove()
B.	ADD()
C.	add()
D.	REMOVE()
Answer	**optionc**

Marks:	1
1074	**The delegation model is used as a standard for**
A.	Event Listening
B.	controlling an applet
C.	to make GUI
D.	To arrange componenets
Answer	**optiona**
Marks:	1
1075	**The MouseListener interface is used to make mouse handling**
A.	True
B.	False
C.	CAN'T PREDICT
D.	NONE OF THESE
Answer	**optiona**
Marks:	1
1076	**To write event driven programs using AWT or Swings, Use?**
A.	Listener Interfaces
B.	Adapter Classes
C.	None of this
D.	Option A and B
Answer	**optiond**
Marks:	1
1077	**A Java program cannot directly communicate with an ODBC driver because**
A.	ODBC written in C language
B.	ODBC written in C++ language
C.	ODBC written in C# language
D.	ODBC written in Visual Basic language
Answer	**optiona**
Marks:	1
1078	**The ----------------method executes a simple query and returns a single Result Set object**
A.	executeUpdate()
B.	executeQuery()
C.	execute()
D.	noexecute()

Answer	**optionb**
Marks:	**1**
1079	**To create group of check boxes ,Use?**
A.	CheckBox
B.	CheckBoxGroup
C.	Allof this
D.	None of this
Answer	**optionb**
Marks:	**2**
1080	**To create a compact,multiple-choice,scrolling selection list,Use?**
A.	Choice
B.	List
C.	CheckBox
D.	Scrollbar
Answer	**optionb**
Marks:	**2**
1081	**Select the one correct answer. The default alignment of buttons in Flow Layout is ...**
A.	LEFT
B.	CENTRE
C.	RIGHT
D.	The alignment must be defined when using the FlowLayout Manager.
Answer	**optionb**
Marks:	**2**
1082	**To position components in an applet window? Use**
A.	Grid
B.	Layout Mangager
C.	Flow
D.	Border
Answer	**optionb**
Marks:	**2**
1083	**JSP includes a mechanism for defining -------------- or custom tags.**
A.	static attributes
B.	local attributes
C.	global attributes

D.	dynamic attributes
Answer	**optiond**
Marks:	**2**
1084	**To implement a single –line text area entry area, Use?**
A.	Choice
B.	List
C.	TextField
D.	TextArea
Answer	**optionc**
Marks:	**2**
1085	**Button control implements following Listener interface?**
A.	ItemLIstener
B.	ActionListener
C.	FlowListener
D.	Adapter
Answer	**optionb**
Marks:	**2**
1086	**ItemListener Interface is applicable to?**
A.	CheckBox
B.	Choice
C.	List
D.	All of this
Answer	**optiond**
Marks:	**2**
1087	**KeyListener interface is applicable to keyboard only?**
A.	True
B.	False
C.	None of this
D.	All of this
Answer	**optiona**
Marks:	**2**
1088	**Servlets play important role in MVC Architecture as -------------**
A.	Controller
B.	None of the above

C.	View
D.	Model
Answer	**optiona**
Marks:	**2**
1089	**How many bits are in a single IPv4 address?**
A.	8
B.	16
C.	32
D.	64
Answer	**optionc**
Marks:	**1**
1090	**What MySQL property is used to create a surrogate key in MySQL?**
A.	UNIQUE
B.	SEQUENCE
C.	AUTO_INCREMENT
D.	None of the above -- Surrogate keys are not implemented in MySQL.
Answer	**optionc**
Marks:	**2**

1091	**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);
	
	        }

A.	20
B.	Default value
C.	Compilation Error
D.	Runtime Error
Answer	**optionc**
Marks:	**2**
1092	**Which JDBC driver Types are for use over communications networks?**
A.	Type 3 only
B.	Type 4 only
C.	Both Type 3 and Type 4
D.	Neither Type 3 nor Type 4

Answer	**optionc**
Marks:	**2**
1093	**Which JDBC driver Type(s) can be used in either applet or servlet code?**
A.	Both Type 1 and Type 2
B.	Type 4 only
C.	Both Type 1 and Type 3
D.	Both Type 3 and Type 4
Answer	**optiond**
Marks:	**2**
1094	**Which of the following contain a Menubar?**
A.	A Panel
B.	A Frame
C.	An Applet
D.	A Menubar
Answer	**optionb**
Marks:	**1**
1095	**In Swing, tables are implemented by the _____ class**
A.	JPanel
B.	JTable
C.	JTree
D.	JTooltip
Answer	**optionb**
Marks:	**1**
1096	**In which of the following model, java applet or application directly communicates with data source?**
A.	Three tier
B.	N tier
C.	Two tier
D.	Four tier
Answer	**optionc**
Marks:	**1**
1097	**A servlet is an instance of_____.**
A.	the Object class
B.	the Applet class
C.	the HttpServlet class

D.	Cookie class
Answer	**optionc**
Marks:	**1**
1098	**By default, how long does a cookie last?**
A.	24 hours
B.	30 days
C.	365 days
D.	By default, a newly created cookie persists until the browser exits.
Answer	**optiond**
Marks:	**1**
1099	**By default, Tomcat runs on port _____.**
A.	8080
B.	8050
C.	8000
D.	8888
Answer	**optiona**
Marks:	**1**
1100	**Different methods used by cookie class are**
A.	getName()
B.	getPath()
C.	getValue()
D.	All of the above
Answer	**optiond**
Marks:	**1**

1101	**Select the missing statement in given code**

```
import java.awt.*;
import java.applet.*;
/*
<APPLET Code="ActionListenerTest" Width=300 Height=300>
</APPLET>
*/

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)
 {
                          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);
                          }

 }
 }
```

A.	java.awt.event.*
B.	setLayout(new BorderLayout());
C.	b1.addActionListener(this);
D.	All of the above
Answer	**optiond**
Marks:	**2**
1102	**The methods of Statement interface are**
A.	ResultSet executeQuery()
B.	executeUpdate()
C.	execute()
D.	All of the above
Answer	**optiond**
Marks:	**2**
1103	**The _____ method can be used on a _____ object to create its meta data object**
A.	getMetaData(),ResultSet
B.	executeQuery(),ResultSet
C.	executeUpdate(),ResultSet
D.	execute(),ResultSet
Answer	**optiona**
Marks:	**2**
1104	**Which of the following query is used for SELECT query?**
A.	execute()
B.	execute(String sql)

C.	executeUpdate(String sql)
D.	executeQuery(String sql)
Answer	**optiond**
Marks:	**2**
1105	**Which of the following is not a standard method called as part of JSP life cycle**
A.	jspInit()
B.	jspService()
C.	_jspService()
D.	jspDestroy()
Answer	**optionb**
Marks:	**2**
1106	**Find the statement missing in the below code** **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");** **}** **}**
A.	import javax.servlet.http.*;
B.	getWriter()
C.	None
D.	both A and B
Answer	**optiond**
Marks:	**2**
1107	**Observe the following code** **import java.awt.*;** **import java.applet.*;** **/*** **<APPLET Code="TextFieldPassword" Width=500 Height=200>** **</APPLET>** ***/** **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);** ** }** **}**
A.	The output is obtained in Frame with two labels and two textfields
B.	The output is obtained in Applet with two labels and two textfields
C.	The output is obtained in Applet with card layout with two labels and two textfields

D.	The output is obtained in Window with two labels and two textfields
Answer	**optionb**
Marks:	**2**

1108	Select the missing statement in the program at ----------------------------- to get the following output
	
	``java
	import java.awt.*;
	import java.applet.*;
	import java.awt.event.*;
	
	/*
	<APPLET Code="EventExample" Width=200 Height=250>
	</APPLET>
	*/
	
	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");
	  }
	 }
	}
	``

A.	b1.addActionListener(this)
B.	b1.addMouseMotionlistner(this)
C.	b1.addComponentListner(this)
D.	b1.addTextListner(this)
Answer	**optiona**
Marks:	**2**

1109	For the following code select the method that can be used to handle event.
	
	``java
	import java.awt.*;
	import java.applet.*;
	import java.awt.event.*;
	
	/*
	<APPLET Code="ActionListenerTest" Width=300 Height=300>
	</APPLET>
	*/
	
	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);
	
	                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);
                        }

     }
     }
```

A.	`actionPerformed(ActionEvent ae)`
B.	`adjustmentPerformed(AdjustmentEvent ae)`
C.	`itemStateChanged(ActionEvent ie)`
D.	`itemStateChanged(ItemEvent ie)`
Answer	**optiona**
Marks:	**2**

| 1110 | Fill in the blank from the given option
```
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);
}
}
``` |

A.	`mousePressed()`
B.	`mouseReleased()`
C.	`mouseDragged()`
D.	`mouseClick()`
Answer	**optiona**
Marks:	**2**

| 1111 | Consider the following program
What correction should be done in the program to get correct output?
```
import java.applet.*;
import java.awt.event.*;
/*
<APPLET Code="SimpleKey" Width=200 Height=250>
</APPLET>
*/
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)
{
}
```

A.	Missing {
B.	Missing }
C.	Missing statement
D.	Missing semicolon
Answer	**optionb**
Marks:	**2**

1112	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)
	{
	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();
	}
	}

A.	Missing statement
B.	Missing semicolon
C.	Missing {
D.	Missing }
Answer	**optiond**
Marks:	**2**

1113	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
	{
	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" + "\t\tCUST_REP" + "\tCREDIT_LIMIT");

```
                  while(rs.next())
                  {
                  System.out.println(rs.getInt("CUST_NUM") + "\t\t" + rs.getString("COMPANY")+ "\t"+ rs.getInt("CUST_REP") + "\t" + rs.getInt("CREDI
                  }
                  stmt.close();
                  con.close();
                  System.out.println("Records successfully selected");
                  }catch(Exception e)
                  {
                  e.printStackTrace();
                  }
                  }
```

A.	Missing semicolon

B.	Missing main()

C.	Missing }

D.	Missing {

Answer	**optionb**

Marks:	**2**

1114	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" + "\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\t"+company + "\t" + rep + "\t\t" + credit);`
	`}`
	`stmt.close();`
	`System.out.println("Record Successfully deleted");`
	`}catch(Exception e)`
	`{`
	`e.printStackTrace();`
	`}`
	`}`
	`}`

A.	Error in main()

B.	Erron in connection statement

C.	Missing close statement

D.	Missing loop

Answer	**optionc**

Marks:	**2**

1115	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 = stmt.executeQuery("select * from tab");
System.out.println("TNAME" + "\t\tTABTYPE" + "\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" + clus);
}
con.close();
System.out.println("Customer Table successfully dropped");
} catch(Exception e)
{
e.printStackTrace();
}
}
}
```

A.	`stmt.close()`
B.	`stmt.executeUpdate()`
C.	`con.close()`
D.	`rs.getString()`
Answer	**optiona**
Marks:	**2**

1116	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 >= ?");`
	`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\t"+company+"\t"+rep+"\t\t"+credit);`
	`}`
	`rs.close();`
	`ps.close();`
	`con.close();`
	`}catch(Exception e)`
	`{`
	`e.printStackTrace();`
	`}`
	`}`
	`}`

A.	`Missing semicolon`
B.	`Missing }`
C.	`Missing {`
D.	`Missing Package statement`
Answer	**optiond**
Marks:	**2**

1117	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("<B>");
for(int i=0;i<cookies.length;i++)
{
String name=cookies[i].getValue();
pw.println("name=" + name +"; value = "+ value);
}
pw.close();
}
}
```

A.	ServletException,MalformedURLException
B.	ServletException,Arithmetic Exception
C.	ServletException,UnknownHostException
D.	ServletException,IOException
Answer	**optiond**
Marks:	**2**

1118	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("<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);
	}
	``

A.	Missing statement
B.	Missing semicolon
C.	Missing packages
D.	Missing }
Answer	**optiond**
Marks:	**2**

1119	Consider the following program. What should be the correction done in the program to get correct output? ``` <%@ page import="hello.NameHandler" %> <jsp:useBean id="mybean" scope="page" class="hello.NameHandler" /> <jsp:setProperty name="mybean" property="*" /> <html> <head><title>Hello, User</title></head> <body bgcolor="#ffffff" background="background.gif"> <%@ include file="dukebanner.html" %> <table border="0" width="700"> <tr> <td width="150"> </td> <td width="550"> My name is Duke. What's yours? </td> </tr> <tr> <td width="150" </td> <td width="550"> <form method="get"> <input type="text" name="username" size="25"> <input type="submit" value="Submit"> ```

```
              <input type="reset" value="Reset">
            </td>
          </tr>
        </form>
        <%
        if ( request.getParameter("username") != null ) {
        %>
        <%@ include file="response.jsp" %>
        <%
        }
        %>
      </body>
    </html>
```

A.	Opening form tag is missing
B.	Closing Table tag is missing
C.	Closing body tag is missing
D.	Closing Form tag is missing
Answer	**optionb**
Marks:	**2**

1120	**If _____is manipulated AdjustmentEvent event will be notified .**
A.	CheckBox
B.	ScrollBar
C.	TextBox
D.	Button
Answer	**optionb**
Marks:	**1**

1121	**Which of these is super class of WindowEvent class?**
A.	WindowEvent
B.	ComponentEvent
C.	ItemEvent
D.	InputEvent
Answer	**optionb**
Marks:	**1**

1122	**Port Number for FTP is**
A.	21
B.	23
C.	25
D.	80
Answer	**optiona**
Marks:	**1**

| **1123** | **ODBC Drivers are platform _____** |
| A. | Dependent |

B.	Indepndent
C.	Dependent,Independent
D.	All of above
Answer	**optiona**
Marks:	**1**
1124	**The _____driver resolves JDBC call and makes equivalent ODBC Call**
A.	JDBC Native API
B.	JDBC-Net pure java
C.	100% pure java
D.	JDBC-ODBC bridge
Answer	**optiond**
Marks:	**1**
1125	**CGI was expensive in terms of _____and _____to create separate process for each client reqest**
A.	Process ,time
B.	Memory, Resource ,action
C.	Process,Memory, Resource
D.	None of the above
Answer	**optionc**
Marks:	**1**
1126	**Servlet are webpages generated by the web server In response to the requests send by the**
A.	server
B.	client
C.	DNS Server
D.	http
Answer	**optionb**
Marks:	**1**
1127	**What is the purpose of ToggleButton?**
A.	On or Off Switch
B.	To on switch
C.	To off Switch
D.	None Of This
Answer	**optiona**
Marks:	**2**
1128	**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);

}
}
/*<applet code=button.class height=200 width=200>
</applet>*/
```

A.	A
B.	B
C.	C
D.	D
Answer	**optiona**
Marks:	**2**

1129	Http is which type of Protocol
A.	Stateless
B.	Network
C.	Stateful
D.	None Of this
Answer	**optiona**
Marks:	**2**

1130	The Constructor of URL can throws an Exception called
A.	MalFormedURLException
B.	URLnotFound
C.	URLException
D.	URLSourceNotFound
Answer	**optiona**
Marks:	**2**

1131	ResultSet is _____Which Represents a data from database
A.	Table of Data
B.	function
C.	database
D.	Query
Answer	**optiona**
Marks:	**1**

1132	getSessioin() is a method of _____ class.

A.	HttpServletRequest
B.	HttpSession
C.	HttpServlet
D.	None
Answer	**optiona**
Marks:	**2**

1133	Consider the following program Which statemnet is prepare for blank space
	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<5;i++)
	        {
	            for(int j=0;j<5;j++)
	            {
	                _____
	
	                n++;
	            }
	        }
	
	    }
	}

A.	add(new Button(""+n));
B.	add(new Label());
C.	add(button)
D.	None of this
Answer	**optiona**
Marks:	**2**

1134	Select the missing in the program
	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();
	    }
	}

A.	Missing in import classes

B.	Method missing for password echo charachter
C.	Missing ActionListener class
D.	Method missing for password
Answer	**optionb**
Marks:	**2**

1135	Select the method used for Event Handle
	``
	import java.awt.*;
	import java.awt.event.*;
	import java.applet.*;
	public class no extends Applet implements ActionListener
	{
	String msg="";
	    Button 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);}
	}
	``

A.	actionPerformed(ActionEvent ae)
B.	itemStateChanged(ActionEvent ie)
C.	itemStateChanged(ItemEvent ie)
D.	adjustmentPerformed(AdjustmentEvent ae)
Answer	**optiona**
Marks:	**2**

1136	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");
                    }
            }
        }
```

A.	As the parameter to create statement query
B.	As a parameter to ExecuteUpdate Query
C.	just to write the delete from table_name anywhere in program
D.	None of above
Answer	**optionb**
Marks:	**2**

1137	**What is missing in the following program?** **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");** ** }** ** }** **}**
A.	to register the driver
B.	to create the connection with database
C.	to close the connection
D.	None of above
Answer	**optiona**
Marks:	**2**

1138	**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(" hello ");** ** out.println("hello");** ** out.close();**

	`        }` `    }`
A.	`HttpServletRequest`
B.	`HttpServlet`
C.	`GenericServlet`
D.	`Servlet`
Answer	**optionb**
Marks:	**2**
1139	**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);** **}** **}**
A.	`GenericServlet(HttpServletRequest request,HttpServletResponse response)`
B.	`.getId()`
C.	`.getWriter();`
D.	`UnknownHostException`
Answer	**optiona**
Marks:	**2**
1140	**Which method is used to set label for Button B ?**
A.	`B.setText(String s)`
B.	`B.setLabel(String s)`
C.	`B.getLabel()`
D.	`B.getText()`
Answer	**optionb**
Marks:	**1**
1141	**Which of the following control is not contained in AWT Package?**
A.	`Label`
B.	`Button`
C.	`Checkbox`
D.	`Scrollpane`
Answer	**optiond**
Marks:	**1**
1142	**Program which executes applet is known as_____**
A.	`JVM`

B.	Virtual machine
C.	Appletviewer
D.	None of above
Answer	**optionc**
Marks:	**1**
1143	**Which of the following is used to interpret and execute Java Applet Classes hosted by HTML ?**
A.	Appletviewer
B.	Appletscreen
C.	Appletwatcher
D.	Appletshow
Answer	**optiona**
Marks:	**1**
1144	**which of the following function is used to find the column count of the particular ResultSet ?**
A.	getMetaData()
B.	MetaData()
C.	getColumnCount()
D.	getCount()
Answer	**optionc**
Marks:	**1**
1145	**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.**
A.	i-false, ii-false
B.	i-false, ii-true
C.	i-true, ii-false
D.	i-true, ii-true
Answer	**optiona**
Marks:	**1**
1146	**Why we need to write static keyword to main method ?**
A.	It gives access to other methods
B.	It is in syntax
C.	To create single copy
D.	None of above
Answer	**optionc**
Marks:	**2**

1147	What will be the output of this program?
	`import java.net.*;`
	` class networking {`
	` public static void main(String[] args) throws MalformedURLException {`
	` URL obj = new URL("http://www.msbte.com/javamcq");`
	` System.out.print(obj.toExternalForm());     }     }`
A.	msbte
B.	msbte.com
C.	www.msbte.com
D.	http://www.msbte.com/javamcq
Answer	**optiond**
Marks:	**2**

1148	`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.`

A.	html
B.	text
C.	none
D.	text/html
Answer	**optiond**
Marks:	**2**
1149	The client request a connection to a server using the following statement.
A.	Socket s=new Socket(ServerName,port);
B.	Socket s=serverSocket.accept();
C.	Socket s=serverSocket.getSocket();
D.	Socket s=new Socket(ServerName);
Answer	**optiona**
Marks:	**2**

1150	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");
}
}
}
```

A.	Driver loaded Connection to database created Statement object created Record inserted 1 Record Inserted 2 Record Inserted 3
B.	Driver loaded Record inserted 1 Record Inserted 2 Connection to database created Statement object created Record Inserted 3
C.	Record inserted 1 Record Inserted 2 Connection to database created Driver loaded Statement object created Record Inserted 3
D.	Connection to database created Driver loaded Record inserted 1 Record Inserted 2 Statement object created Record Inserted 3
Answer	**optiona**
Marks:	**2**

1151	**What is use of second parameter in given constructor Label(String,int)**
A.	specifies height of label
B.	specifies width of label in terms of pixel
C.	specifies the alignment of text in label
D.	specifies width of label
Answer	**optionc**
Marks:	**1**

1152	**What is use of 3rd parameter in given constructor Scrollbar(int,int,int,int,int)**
A.	Thumbsize
B.	Scrollbar orientation
C.	initial value
D.	minimum value
Answer	**optiona**
Marks:	**1**

1153	**Items are added in JComboBox using method……?**

A.	add()
B.	insert()
C.	insertItem()
D.	addItem()
Answer	**optiond**
Marks:	**1**
1154	**_____returns the string equivalent to the event.**
A.	toString()
B.	getID()
C.	getSource()
D.	getObject()
Answer	**optiona**
Marks:	**1**
1155	**When list item is double clicked, which event is generated?**
A.	ActionEvent
B.	ItemEvent
C.	ListEvent
D.	AdjustmentEvent
Answer	**optiona**
Marks:	**1**
1156	**_____method returns a value that indicates which modifier keys were pressed when the event was generated.**
A.	getModifiers()
B.	setModifiers()
C.	getActionCommand()
D.	none of the above
Answer	**optiona**
Marks:	**1**
1157	**What is return type of getAddress() method of InetAddress class?**
A.	String
B.	byte[]
C.	String[]
D.	InetAddress
Answer	**optionb**
Marks:	**1**

1158	Which method of URL class is used to create object of URLConnection?
A.	getConnection
B.	openConnection
C.	connection
D.	getURLConnection
Answer	**optionb**
Marks:	**1**
1159	Which package is used for handling security related issue?
A.	java.security
B.	java.lang.security
C.	java.io.security
D.	java.awt.image
Answer	**optiona**
Marks:	**1**
1160	Which interface declares life cycle method of servet?
A.	Servlet
B.	GenericServlet
C.	ServletConfig
D.	ServletContext
Answer	**optiona**
Marks:	**1**

1161	What are the minimum pakages required for executing the bellow program?
	class MyDemo extends Frame
	{
	Button b;
	MyDemo()
	{
	
	setLayout(new FlowLayout());
	setSize(500,500);
	b=new 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);
	}
	
	}

A.	java.awt.* and java.awt.event.*
B.	java.awt.* , java.awt.event.* and javax.swing
C.	java.awt.*
D.	java.applet.*, java.awt.event.

Answer	**optiona**
Marks:	**2**
1162	**Given Statement may throws which exception? InetAddress address =InetAddress.getByName("www.xyz.com");**
A.	HostException
B.	openConnection
C.	UnknownHostException
D.	UnavailableDomainException
Answer	**optionc**
Marks:	**2**
1163	**Which object provides DatabaseMetaData object?**
A.	PreparedStatement
B.	Statement
C.	ResultSet
D.	Connection
Answer	**optiond**
Marks:	**2**
1164	**Which object provides ResultSetMetaData object?**
A.	PreparedStatement
B.	Statement
C.	ResultSet
D.	Connection
Answer	**optionc**
Marks:	**2**
1165	**Which classes are present in javax.servlet.http package?**
A.	ServletInputStream ServletOutputStream GenericServlet
B.	Servlet HttpServletRequest HttpServletResponse
C.	ServletRequest ServletResponse
D.	HttpServlet Cookie
Answer	**optiond**
Marks:	**2**
1166	**Which method is used to get HttpSession object and it belongs to which object?**
A.	getSession method and HttpServletRequest

B.	getSession method and HttpServletResponse
C.	getHttpSession and HttpServletResponse
D.	getHttpSession and HttpServletRequest
Answer	**optiona**
Marks:	**2**
1167	**For producing following outputs which program code is correct**
| A. | ```
import java.awt.*;
class Demo3 extends Frame
{
Button b;
Demo3()
{
setLayout(new GridLayout(5,3));
for(int i=0;i<15;i++)
{
add(new Button(String.valueOf(i)));
}
setSize(800,600);
}

public static void main(String args[]) throws Exception
{
new Demo3().setVisible(true);
}
}
``` |
| B. | ```
import java.awt.*;                                                    class Dem
{
Button b;
Demo3()
{
setLayout(new FlowLayout());
for(int i=0;i<15;i++)
{
add(new Button(String.valueOf(i)));
}
setSize(800,600);
}

pub
``` |
| C. | ```
import java.awt.*;                              class Demo3 extends Frame
{
Button b;
Demo3()
{
setLayout(new BorderLayout());
for(int i=0;i<15;i++)
{
add(new Button(String.valueOf(i)));
}
setSize(800,600);
}

public static void mai
``` |
D.	not from any given option
Answer	**optiona**
Marks:	**2**
1168	**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.*;** **/*** **<applet code=JRadioButtonDemo.class** **width=500 height=500>** **</applet>** ***/** **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)
{
...........................................................................
...........................................................................
...........................................................................
}
}
```

A.	`if(ie.getSource()==r)`
	`cp.setBackground(Color.RED);`
	`if(ie.getSource()==g)`
	`cp.setBackground(Color.GREEN);`
	`if(ie.getSource()==b)`
	`cp.setBackground(Color.BLUE);`

B.	`if(ie.getItemSelectable()==r)`
	`cp.setBackground(Color.RED);`
	`if(ie.getItemSelectable()==g)`
	`cp.setBackground(Color.GREEN);`
	`if(ie.getItemSelectable()==b)`
	`cp.setBackground(Color.BLUE);`

C.	`if(ie.getItem()==r)`
	`cp.setBackground(Color.RED);`
	`if(ie.getItem()==g)`
	`cp.setBackground(Color.GREEN);`
	`if(ie.getItem()==b)`
	`cp.setBackground(Color.BLUE);`

D.	`if(ie.getId()==r)`
	`cp.setBackground(Color.RED);`
	`if(ie.getId()==g)`
	`cp.setBackground(Color.GREEN);`
	`if(ie.getId==b)`
	`cp.setBackground(Color.BLUE);`

Answer	**optionb**
Marks:	**2**

1169	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();`
	`}`
	`}`

A.	`addWindowListener();`

B.	`addWindowListener(this);`
C.	`addWindowListener(AdapterDemo());`
D.	`addWindowListener(AdapterDemo(this));`
Answer	**optiond**
Marks:	**2**

1170	**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()));
}
}
``` |

| A. | ```
ScrollDemo is not abstract
and does not override abstract method
adjustmentValueChange(AdjustmentEvent) in
AdjustmentListener public class ScrollDemo extends
 Applet implements AdjustmentListener
``` |
| --- | --- |
| B. | ```
ScrollDemo is not abstract
and does not override abstract method
adjustmentValueChanged(AdjustmentEvent) in
AdjustmentListener public class ScrollDemo extends
 Applet implements AdjustmentListener
``` |
| C. | ```
ScrollDemo is not abstract
and does not override abstract method
actionPerformed(ActiontEvent) in
AdjustmentListener public class ScrollDemo extends
 Applet implements AdjustmentListener
``` |
D.	`No Error`
Answer	**optionb**
Marks:	**2**

1171	**For displaying coordinates of moving mouse pointer on status bar of applet, in following programs which statements should be inclu**
| | ```
import java.applet.*;
import java.awt.*;
import java.awt.event.*;
/*
<applet code="MouseDemo"  width=500 height=500>
</applet>
*/

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";
}
}
}
```

A.	No any statement is requred
B.	repaint() in init()
C.	repaint() in public void mouseMoved(MouseEvent me){}
D.	repaint() in public void mouseEntered(MouseEvent me){}
Answer	**optionc**
Marks:	**2**

1172	What is error in following program
	`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);`
	`}`
	`}`
	`}`

A.	java.lang.ClassNotFoundException: sun.jdbc.odbc.JdbcOdbcDriver
B.	error: cannot find symbol "PreparedStatement ps"
C.	No error
D.	error:incompatible types: "ResultSetMetaData rs1=con.getMetaData();"
Answer	**optiond**
Marks:	**2**

1173	What is error in following program?
	`import java.sql.*;`
	`class Demo3`
	`{`
	`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);
}
}
}
```

A.	java.lang.ClassNotFoundException: sun.jdbc.odbc.JdbcodbcDriver
B.	java.sql.SQLException: [Microsoft][ODBC Microsoft Access Driver] Syntax error (missing operator) in query expression
C.	java.sql.SQLException: No suitable driver found for jdbc.odbc.Samarth
D.	java.sql.SQLException: No ResultSet was produced
Answer	**optiona**
Marks:	**2**

1174	What is error in following program?
	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);
	}
	}
	}

A.	java.sql.SQLException: [Microsoft][ODBC Microsoft Access Driver]COUNT field incorrect
B.	java.sql.SQLException: [Microsoft] [ODBC Microsoft Access Driver] Syntax error (missing operator) in query expression 'Pa_RaM000 City=Pa_RaM001 ID=Pa_RaM002'
C.	actual argument int cannot be converted to String by method invocation conversion
D.	java.sql.SQLException: No ResultSet was produced
Answer	**optiona**
Marks:	**2**

1175	For Displaying Session ID which statement/statements are missing?
	import java.io.*;
	import javax.servlet.*;
	import javax.servlet.http.*;
	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);
	  }
	
	}

A.	`String id=request.getId();`
B.	`String id=request.getID();`
C.	`String id=session.getId();`
D.	`String id=session.getID();`
Answer	**optionc**
Marks:	**2**

1176	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);`
	`     }`
	`}`
	`}`

A.	`PrintWriter pw=response.getWriter();` `                pw.println("Hello World");`
B.	`PrintWriter pw=request.getWriter();` `                pw.println("Hello World");`
C.	`PrintWriter pw=new PrintWriter();` `                pw.println("Hello World");`
D.	`out.println("Hello World");`
Answer	**optiona**
Marks:	**2**

1177	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);`
	`        }`
	`    }`

A.	`import java.io.*;`
	`import javax.servlet.*;`
	`import javax.servlet.http.*;`

B.	`import javax.servlet.*;` `import javax.servlet.http.*;`
C.	`import javax.servlet.http.*;`

D.	`import java.io.*;`
	`import javax.servlet.*;`
	`import javax.servlet.http.*;`
	`import java.util.*;`

Answer	**optiond**

Marks:	2
1178	Current text of label can be obtained using _____.
A.	SetAlignment ()
B.	getAlignment ()
C.	getText ()
D.	setText ()
Answer	**optionc**
Marks:	1
1179	_____ method is used to append the string str to end of the current text.
A.	add ()
B.	select ()
C.	insert ()
D.	append ()
Answer	**optiond**
Marks:	1
1180	AWTEvent Class is define in following package
A.	Java .io
B.	java.util
C.	java.awt.event
D.	java .net
Answer	**optionc**
Marks:	1
1181	The method that is used for registering keyboard event is knows as _____.
A.	addKeymotionListener ()
B.	add actionListener ()
C.	addKeyListener ()
D.	addmouseMotionListener ()
Answer	**optionc**
Marks:	1
1182	The Following are event classes
A.	Window , Frame,Panel
B.	Button,Checkbox, Listbox
C.	Menu, Menubar ,Text Area
D.	Action Event,FocusEvent ,Container Event

Answer	**optiond**
Marks:	1
1183	**Which is the method of mouse event class?**
A.	getClickCount ( )
B.	getkeycode( )
C.	getkeychar ( )
D.	getitem ( )
Answer	**optiona**
Marks:	1
1184	**textChanged (TextEvent te) method is used for_____.**
A.	when changes occurs in the text area or text field.
B.	when keypressed occurs
C.	when mousemotion occurs
D.	when enter key is get pressed
Answer	**optiona**
Marks:	1
1185	**Java.net package include following classes.**
A.	URLConnection,Button,Socket
B.	Socket,Datagramsocket,Checkbox
C.	URLConnection, Socket, InetAddress
D.	ListBox,Datagramsocket,Datagrampacket
Answer	**optionc**
Marks:	1
1186	**In the three tier model the middle tier of the services acts as a mediator between _____ and _____.**
A.	Java applet and DBMS
B.	Java application and databases
C.	Data source and Application server
D.	DBMS and user
Answer	**optionb**
Marks:	1
1187	**_____ interface is used to know the capabilities or information about a database Management system DBMS with JDBC Driver.**
A.	DatabaseMetadata
B.	prepared statement
C.	Result set

D.	statement
Answer	**optiona**
Marks:	**1**
1188	**HTTP servlet uses methods like_____.**
A.	doPost(),doGet()
B.	doText(),destroy()
C.	service(),init()
D.	init(),paint()
Answer	**optiona**
Marks:	**1**
1189	**Cookie is the piece of information which stores the session related data like_____.**
A.	Server_name,data,time,cookie_name
B.	Time,date,cookie_name,password
C.	username,password,time,date
D.	Password,time,date,client_name
Answer	**optionc**
Marks:	**1**
1190	**Life cycle of a JSP page consist of following steps.**
A.	compilation,Loading and initialization,Request Handling,Destroy,Translation
B.	Translation of JSP to servlet code, compilation, loading, creating servlet instance, initiallization, request processing, distroyi
C.	compilation,Translation,Loading and initialization,Request Handling,Destroy
D.	Translation,,Loading and initialization,compilation,Request Handling,Destroy
Answer	**optionb**
Marks:	**1**
1191	**The following constructors are required in the program to get output**
A.	Cellphones=new List(4,true) Companies=new List(4,false)
B.	Cellphones=new checkbox(4,true) Companies=new List(4,false)
C.	Cellphones=new List(4,true) Companies=new label(4,false)
D.	Cellphones=new List(4,false)
Answer	**optiona**
Marks:	**2**
1192	**What is the purpose of TextArea**
A.	To handle image as input
B.	To handle multiline text input

C.	To handle single line text input
D.	To handle video and audio input
Answer	**optionb**
Marks:	**2**

1193	**Which of the following code is required to display output in table format.**
A.	Container c1=getContentPane(); c1.setLayout(new BorderLayout c1));
B.	Container c1=getContentPane(); c1.setLayout(new Gridlayout());
C.	Container c1=getContentPane(); c1.setLayout(new Flowlayout c1));
D.	Container c1=getContentPane(); c1.setLayout(new Mouse Layout c1));
Answer	**optionb**
Marks:	**2**

1194	**Which import statement is used for following program.**
	``
	/*
	 <applet code=exp1.class width=200 height=200>
	 </applet>
	*/
	
	 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);
	      }
	    }
	``

A.	import java.Japplet.*;
B.	import java.awt.event.*; import java.awt.*; import java.applet.*;
C.	import java.applet.*;
D.	import java.awt.event.*;
Answer	**optionb**
Marks:	**2**

1195	**State listener with its method used in following program**
	``
	import java.awt.*;
	import java.awt.event.*;
	import java.applet.*;
	/* <applet code=exp2.class width=200 height=200 >
	  </applet>*/
	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<=n1;i++)
             {
                fact=fact*i;
             }
            t2.setText(Integer.toString(fact));
        }   }   }
```

A.	ActionListener,int actionperfomed()
B.	ItemListener,actionperfomed()
C.	AdjustmentListener,actionperfomed()
D.	ActionListener,actionperfomed()
Answer	**optiond**
Marks:	**2**

1196	Consider following code and state missing code ?
	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)
	   {}
	}
	}

A.	sun.jdbc.odbc.JdbcOdbcDriver
B.	sun.jdbc.odbc.JdbcDriver
C.	sun.jdbc.odbc.JdbcOdbc
D.	sun.jdbc.Jdbcodbc.JdbcOdbcDriver
Answer	**optiona**
Marks:	**2**

1197	The method _____ sets the foreground color to yellow in Jframe
A.	f.setForeground (Color.yellow)
B.	f.setForeground (color.YELLOW)
C.	f.setForeground (color.yellow)
D.	f.setForeground (Color.YELLOW)
Answer	**optiond**

Marks:	1
1198	**The method _____gets the text (or caption) of the label jlbl**
A.	jlbl.text()
B.	jlbl.getText()
C.	jlbl.findText()
D.	.retrieveText()
Answer	**optionb**
Marks:	1
1199	**The _____models an IP address,which can be used to find the host name IP address of the client**
A.	ServerSocket class
B.	Socket class
C.	InetAddress class
D.	Connection interface
Answer	**optionc**
Marks:	2
1200	**Package of drawString() method of Graphics class**
A.	java.applet
B.	java.io
C.	javax.swing
D.	java.awt
Answer	**optiond**
Marks:	1
1201	**What method is used to prevent a user from changing the size of a Frame() object?**
A.	setResizable(true)
B.	setResizable(false)
C.	setExactSize(true)
D.	setEditable(false)
Answer	**optionb**
Marks:	1
1202	**The CardLayout class defines the following constructors:**

A.	CardLayout() // First
	CardLayout(int hor, int ver) //second

B.	Cardlayout() // First
	CardLayout(int hour, int ver) //second

C.	CardLayout() // First
	Cardlayout(int hor, int var) //second

D.	CardLayout() // First
	Cardlayout(int hour, int ver) //second

Answer	**optiona**
Marks:	**1**
1203	**Which of the following JSP variables are not available within a JSP expression. Select the one correct answer.**
A.	out
B.	httpsession
C.	session
D.	request
Answer	**optionb**
Marks:	**1**
1204	**Which of the following is legal JSP syntax to print the value of i. Select the one correct answer**
A.	<%= i %>
B.	<%int i = 1;%>
C.	<%int i = 1; i; %>
D.	<%int i = 1%>
Answer	**optiona**
Marks:	**1**
1205	**What pattern does the FlowLayout layout manager use to add components to container?**
A.	Left to right, top to bottom
B.	bottom to top, right to left
C.	top to bottom, centered in each row
D.	any old order
Answer	**optiona**
Marks:	**2**
1206	**Say that a Frame contains three Panels. Could each Panel have a different layout manager?**
A.	No---they must all use the default layout manager
B.	No---they must all use the same layout manager
C.	Yes---each one must be different
D.	Yes---each one can use setLayout() with any layout manager
Answer	**optiond**
Marks:	**2**
1207	**_____ method can be used to know the degree of adjustment made by user with ScrollBar?**
A.	getValue()
B.	getAdjustmentType()

C.	getAdjustmentValue()
D.	getAdjustmentLocation()
Answer	**optiona**
Marks:	**2**
1208	**Given an HttpServletRequest request and HttpServletResponse response, which sets a cookie "username" with the value "joe" in a ser**
A.	request.addCookie(new Cookie("username", "joe"));
B.	response.addCookie(new Cookie("username", "joe"));
C.	response.addCookie("username", "joe");
D.	request.addCookie("username", "joe");
Answer	**optionb**
Marks:	**2**
1209	**Components in the frame is add at appropriate place using**
A.	setSize(int, int)
B.	setForLocation(int,int)
C.	setBounds(int,int,int,int)
D.	setProperPlace(int,int,int,int)
Answer	**optionc**
Marks:	**2**
1210	**_____ displays a message that alerts the user and waits for the user to click the OK button to close the dialog.**
A.	Input dialog box
B.	Message dialog box
C.	Confirmation dialog box
D.	Option dialog box
Answer	**optionb**
Marks:	**2**
1211	**The method _____ separates menu items in a menu mu.**
A.	mu.add('-')
B.	mu.setSeparator()
C.	mu.addSeparator()
D.	mu.insertSeparator()
Answer	**optionc**
Marks:	**2**
1212	**_____ is a Swing layout manager that arranges components on top of each other in a deck.**
A.	BorderLayout

B.	GridLayout
C.	CardLayout
D.	OverlayLayout
Answer	**optionc**
Marks:	**2**
1213	**The value typed in TextArea is notified by_____Listener.**
A.	TextTypedListener
B.	TextComponentListener
C.	TextListener
D.	ItemListener
Answer	**optionc**
Marks:	**2**
1214	**The signature for the registration method for an ActionEvent should be _____.**
A.	public void addActionListener(ActionEvent l)
B.	public void setAction(ActionListener l)
C.	public void setActionListener(ActionListener l)
D.	public void addActionListener(ActionListener l)
Answer	**optiona**
Marks:	**2**
1215	**what is Native Protocol, Pure Java Driver?**
A.	This type of driver, written entirely in Java, communicates directly with the database.
B.	This type of driver communicates using a network protocol to a middle-tier server.
C.	These drivers take JDBC requests and translate them into a network protocol that is not database specific.
D.	This type of driver wraps a native API with Java classes.
Answer	**optiona**
Marks:	**2**
1216	**Which of the following is true**
A.	The two tiers are often called as Network layer includes JDBC drivers only
B.	The two tiers are often called as Application layer includes JDBC drivers, business logic and user interfaces whereas second layer
C.	The two tiers are often called as Application layer includes client is only application and server is JDBC drivers, business logic
D.	The two tiers are the same as that of three tier architecture.
Answer	**optionb**
Marks:	**2**
1217	**You are creating a servlet that generates stock market graphs. You want to provide the web browser with precise information about data being sent in the response stream.** **Which HttpServletResponse methods will you use to provide this information?**

A.	response.setLength(numberOfBytes);
B.	response.setContentLength(numberOfBytes);
C.	response.setHeader("Length", numberOfBytes);
D.	response.setIntHeader("Length", numberOfBytes);
Answer	**optionb**
Marks:	**2**

1218	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%> <% }%>

A.	1
B.	2
C.	3
D.	The program generates compilation error.
Answer	**optionc**
Marks:	**2**

1219	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 ?

A.	request.getReader();
B.	request.getWriter();
C.	request.getResourceAsStream();
D.	request.getInputStream();
Answer	**optiond**
Marks:	**2**

1220	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)

A.	Graphics class
B.	Component class
C.	Both A & B
D.	None of the above
Answer	**optionb**
Marks:	**1**

1221	JRadioButton is a subclass of _____.
A.	JMenuItem
B.	AbstractButton
C.	JMenu
D.	JCheckBoxGroup
Answer	**optionb**
Marks:	**1**
1222	To get the servlet environment information
A.	ServletConfig object is used
B.	ServletException object is used
C.	ServletContext object is used
D.	ServletContainer object is used
Answer	**optionc**
Marks:	**1**

1223	Select sequence of the missing statements in the following program
	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");
	 }
	
	}
	}

A.	ItemListener addItemListener(this) itemStateChanged(ItemEvent ae)
B.	ActionListener addActionListener(this) actionPerformed(ItemEvent ae)
C.	ActionListener

	addActionListener(this) actionPerformed(ActionEvent ae)
D.	ItemListener addItemListener(this) itemStateChanged(ActionEvent ae)
Answer	**optionc**
Marks:	**2**
1224	**An event adapter can be implemented using _____.**
A.	standard adapter
B.	inner class adapter
C.	anonymous inner class adapter
D.	All of Above
Answer	**optiond**
Marks:	**2**

1225	**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.setBackcolor(new Color(iR,iG,iB));
	   }
	  });
	 }
	}

A.	final
B.	getContentPane()
C.	seBackGround
D.	All of the above.
Answer	**optiond**
Marks:	**2**
1226	**DatabaseMetaData are retrieved through _____.**
A.	Connection object
B.	PreparedStatement object
C.	Statement object
D.	ResultSet Object
Answer	**optiona**
Marks:	**1**
1227	**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 ths sum
                    Which statement when placed at the location XXX can be used to compute the sum. Select the one correct statement
``` |
A.	`<% sum = sum + j %>`
B.	`<% sum = sum + j; %>`
C.	`<%= sum = sum + j %>`
D.	`<%= sum = sum + j; %>`
Answer	**optionb**
Marks:	**2**
1228	_____is a superclass of TextField and TextArea classes that is used to create single-line or multiline textfields re
A.	TextBox
B.	CheckBox
C.	TextComponent
D.	Choice
Answer	**optionc**
Marks:	**2**
1229	**What is the missing Exception in following program**

```
/*
<applet code="TestMouse.class" width=300 height=100>
</applet>
*/
importjava.awt.*;
importjava.awt.event.*;
importjava.applet.*;
public class TestMouse extends Applet implements_____
 {
String msg = "";
intmouseX = 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);
    }
    }
```

A.	MouseMotionListener
B.	MouseListener
C.	both A & B
D.	None of Above
Answer	**optionc**
Marks:	**2**

1230	In the following JDBC drivers which are known as fully java driver?
A.	Native-API driver
B.	Network Protocol driver
C.	Thin driver
D.	Both B & C
Answer	**optiond**
Marks:	**2**

1231	ResultSetMetadata are retrieved through _____.
A.	Connection object
B.	PreparedStatement object
C.	Statement object
D.	None of Above
Answer	**optiond**
Marks:	**2**

1232	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();
}
}
```

A.	Error in main()
B.	Error in loop
C.	Error in connection statement
D.	Error in close()
Answer	**optionc**
Marks:	**2**

1233	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 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>0)
	{
	 System.out.println("Record is Updated");
	}
	else
	{
	 System.out.println("Record not Found");
	}
	 s.close();
	 c.close();
	}
	}

A.	int iNo=s.executeUpdate()
B.	int iNo=c.createStatement( )
C.	int iNo=s.execute()
D.	int iNo=s.executeQuery(sqlQuery)
Answer	**optiona**
Marks:	**2**

1234	Java servlets are an efficient and powerful solution for creating ………….. for the web.
A.	Dynamic content
B.	Both a and b
C.	Hardware
D.	Static content
Answer	**optiona**
Marks:	**1**

1235	Which of these methods can be used to obtain the coordinates of a mouse?
A.	getMouseCordinates()
B.	getMouseXY()
C.	getPoint()
D.	getCoordinates()

Answer	**optionc**
Marks:	**2**
1236	**The User Datagram Protocol (UDP) is**
A.	connectionless
B.	powerless
C.	unreliable
D.	All of them
Answer	**optiond**
Marks:	**2**
1237	**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);
  }
}``` |
A.	Form, setVisible, setOn
B.	Frame, setSize, setVisible
C.	Frame, setVisible, setSize
D.	Window, setSize, paint
Answer	**optionb**
Marks:	**2**
1238	**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);
  }
}``` |
A.	import, drawString, paint
B.	extends, paint, drawString
C.	extends, draw, paint
D.	include, drawString, paint
Answer	**optionb**

Marks:	2

| 1239 | Consider the following output. Find the missing statement in the program.

```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
import javax.swing.*;
/*
<applet code="SimpleKey1" width=300 height=100>
</applet>
*/
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);
}
}
``` |

A.	```
	public void keyReleased(KeyEvent ke)
	{
	showStatus("Key Up");
	}
	``

B.	```
	public void keyPressed(KeyEvent ke)
	{
	showStatus("Key Down");
	}
	``

C.	```
	public void keyTyped(KeyEvent ke)
	{
	msg += ke.getKeyChar();
	repaint();
	}
	``

D.	All of the Above

Answer	**optiond**

Marks:	2

1240	```
	import java.awt.*;
	
	        import java.applet.*;
	
	        public class myapplet extends Applet {
	
	            public void paint(Graphics g) {
	
	                g.drawString("A Simple Applet", 20, 20);
	
	            }
	
	        }
	``

A.	A Simple Applet

B.	Runtime Error

C.	Compilation Error

D.	A Simple Applet 20 20

Answer	**optiona**

Marks:	2

1241	```
	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?
A.	Retrieval of the fields is in the wrong order.
B.	The password must be encrypted before being sent to the DriverManager.
C.	The Driver's URL is in the wrong format.
D.	The ResultSet class returns primitive types for integers and floats.
Answer	**optiona**
Marks:	**2**
1242	**In which technology, we mix our business logic with the presentation logic?**
A.	Servlet
B.	JSP
C.	Both A & B
D.	None of the above
Answer	**optiona**
Marks:	**2**
1243	**In JSP Action tags which is used to include the content of another resource it may be jsp, html or servlet?**
A.	jsp:include
B.	jsp:papam
C.	jsp:plugin
D.	jsp:forward
Answer	**optiona**
Marks:	**2**
1244	**Seperation of business logic from JSP this is the advantage of?**
A.	Custom Tags in JSP
B.	JSP Standard Tag Library
C.	Both A & B
D.	None of the above
Answer	**optiona**
Marks:	**2**
1245	**In HTTP Request Which Asks for the loopback of the request message, for testing or troubleshooting?**
A.	OPTIONS
B.	PUT
C.	TRACE
D.	DELETE

Answer	**optionc**
Marks:	**2**
1246	**In which group one button may be selected at one time?**
A.	CheckboxGroup
B.	Checkbox
C.	MenuItem
D.	Panel
Answer	**optiona**
Marks:	**1**
1247	**Name the class which is used to create a port where the server will listen?**
A.	Server
B.	Socket
C.	ServerSocket
D.	SocketServer
Answer	**optionc**
Marks:	**1**
1248	**TCP/IP reserves the _____ ports for specific protocols**
A.	above 1024
B.	lower 1024
C.	2048
D.	5654
Answer	**optionb**
Marks:	**1**
1249	**Identify proper syntax from following options of TextArea constructor**
A.	TextArea(int numlines, int numChars)
B.	TextArea(int numChars, int numlines)
C.	TextArea(int numlines, int numlines)
D.	Textarea(int numlines, float numChar)
Answer	**optiona**
Marks:	**2**
1250	**The _____ class has two methods, mouseDragged() and mouseMoved()**
A.	MouseListener
B.	MouseMovedListener
C.	MouseActiveListener

D.	MouseMotionListener
Answer	**optiond**
Marks:	**2**
1251	**Name the components of the URL in order of their appearance**
A.	Protocol,Hostname,Port Number, File Name
B.	Hostname,Port Number, File Name, Protocol
C.	File Name, Protocol,Hostname,Port Number
D.	Download,Hostname,Port Number, File Name
Answer	**optiona**
Marks:	**2**
1252	**Identify proper syntax of doGet()**
A.	void doGet(HttpResponse res, HttpRequest req) throws IOExpection, ServletException
B.	void doGet(HttpServletRequest req, HttpServletResponse res) throws IOExpection, ServletException
C.	void doGet(HttpRequest req) throws IOExpection, ServletException
D.	void doGet(HttpResponse res) throws IOExpection, ServletException
Answer	**optionb**
Marks:	**2**
1253	**Find error from following code** **import java.awt.*;** **import java.awt.event.*;** **import javax.swing.*;** **import javax.swing.tree.*;** **/*** **<applet code="JTreeEvents" width=400 height=200>** **</applet>** ***/** **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 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);** **}}**
A.	contentPane must be object of Container class
B.	contentPane must be object of Connection class
C.	contentPane must be object of GlassPane class

D.	contentPane must be object of Cont class
Answer	**optiona**
Marks:	**2**

1254	Observe the following code
	importjava.awt.*;
	importjava.applet.*;
	public class LayoutDemo5 extends Applet
	{
	public void init()
	{
	inti,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 code=LayoutDemo5.class width=300 height=400>
	</applet>*/
	
	What will be the output of the above program?

A.	The output is obtained in Frame with two layouts: Frame layout and Flow Layout.
B.	The output is obtained in Applet with two layouts: Frame layout and Flow Layout.
C.	The output is obtained in Applet with two layouts: Frame layout and Border Layout.
D.	The output is obtained in Applet with two layouts: Border layout and Flow Layout.
Answer	**optiond**
Marks:	**2**
1255	**Select proper sequence of following classes used for writing menudriven program 1.Menu 2. MenuBar 3. MenuItem**
A.	2,1,3
B.	1,2,3
C.	3,2,1
D.	None Of The Above
Answer	**optiona**
Marks:	**2**

1256	What is meaning of following code snippet
	System.out.println("NAME\tAGE");
	  String sql = "select Name, Age from StudInfo";
	  ResultSet results = state.executeQuery(sql);

A.	NAME AGE
B.	executeQuery() method will execute sql query and ouput is available is results object of ResultSet class
C.	AGE NAME
D.	executeQuery() will be executed and output is available in sql variable
Answer	**optionb**

Marks:	2

1257	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();`
	`}`
	`}`

A.	Firstly it dispalys "welcome to home page" then asks for input name & password
B.	Firstly input username & password then it displays "welcome to home page" or "invalid"
C.	Firstly input username only
D.	it dispalys "welcome to home page" only
Answer	**optionb**
Marks:	2
1258	Write the comments on following statements: 1 res.setContentType("text/html"); 2 PrintWriter pw = res.getWriter();
A.	1.Sets the content type 2.PrintWriter object that you can use to send character text to the client.
B.	1.Sets the content type 2.PrintWriter object that you can use to receive character text to the client.
C.	1.Sets the content type 2.PrintReader object is created
D.	1.Reads the content type 2.PrintWriter object is created
Answer	**optiona**
Marks:	2
1259	A label is a simple control which is used to display _____on the window
A.	Text(non-editable)
B.	Text(editable)
C.	Both a & b
D.	None of these
Answer	**optiona**

Marks:	1
1260	**A _____component is a display area for a short string of text, image or both.**
A.	Jtext
B.	JTextField
C.	Jfield
D.	JLabel
Answer	**optiond**
Marks:	1
1261	**_____arranges the component in rows and columns**
A.	BorderLayout
B.	CardLayout
C.	GridLayout
D.	FlowLayout
Answer	**optionc**
Marks:	1
1262	**In Swing _____is a component that displays rows and columns of data.**
A.	card
B.	tree
C.	table
D.	tabbed Pane
Answer	**optionc**
Marks:	1
1263	**The _____interface handles choice events.**
A.	ContainerListener
B.	ItemListener
C.	ActionListener
D.	WindowListener
Answer	**optionb**
Marks:	1
1264	**_____method returns a Point object that contains both X and Y coordinates.**
A.	getLocationOnScreen()
B.	getXOnScreen()
C.	getYOnScreen()
D.	None of the above

Answer	**optiona**
Marks:	**1**
1265	**which of these class must be used to send a datagram packets over a connection?**
A.	InetAddress
B.	DatagramPackets
C.	DatagramSockets
D.	All of the mentioned
Answer	**optiond**
Marks:	**1**
1266	**Which driver is called as a thin driver in JDBC?**
A.	Type-1 Driver
B.	Type-2 Driver
C.	Type-3 Driver
D.	Type-4 Driver
Answer	**optiond**
Marks:	**1**
1267	**How many copies of a JSP page can be in memory at a time?**
A.	one
B.	two
C.	Three
D.	Unlimited
Answer	**optiona**
Marks:	**1**
1268	**Which of these is NOT a constructor of the FileDialog?**
A.	FileDialog(Frame parent,String boxName)
B.	FileDialog(Frame parent,String boxName,int how)
C.	FileDialog(Frame parent)
D.	FileDialog(Frame parent,int how)
Answer	**optiond**
Marks:	**2**
1269	**which class provides method for accessing a font's properties?**
A.	getFont
B.	Jfont
C.	FontMetrices

D.	GraphicsEnvironment
Answer	**optionc**
Marks:	**2**
1270	**Which values are defined in InputEvent class to represent modifiers?**
A.	ALT_MASK
B.	META_MASK
C.	SHIFT_MASK
D.	All the above
Answer	**optiond**
Marks:	**2**
1271	**Which class header would be used to create an applet that accepts a click on a button?**
A.	public class MyApplet extends Japplet implements Listener
B.	public class MyApplet extends Japplet implements ActionListener
C.	public class MyAppletextends Japplet implements ActionEvent
D.	public class MyApplet extends Japplet implements Event
Answer	**optionb**
Marks:	**2**
1272	**JSP tags are divided into which types?**
A.	scriptlets
B.	Expressions
C.	Declarations
D.	All the above
Answer	**optiond**
Marks:	**2**
1273	**Through which tag you can define servlet config in web.xml?**
A.	config-param
B.	context-param
C.	init-param
D.	None of Above
Answer	**optionc**
Marks:	**2**
1274	**What Correction should be done in the following program to get the proper output?** /* <applet code="JTabbedPaneDemo" width=400 height=100> </applet> */ public class JTabbedPaneDemo extends JApplet { public void init()

```
{
JTabbedPane jtp = new JTabbedPane();

jtp.addTab("Cities", new CitiesPanel());
jtp.addTab("Colors", new 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);
}
}
```

A.	Missing semicolon
B.	missing()
C.	Missing package sentences
D.	missing {
Answer	**optionc**
Marks:	**2**

1275	What is the output of the following code:

```
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"));
}
}
}
}
```

A.	A
B.	B
C.	none of the above
D.	all of these
Answer	**optiona**
Marks:	**2**

1276	Select Proper Command to run following program

```
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);
}
}
}
```

A.	java FrameDemo
B.	appletviewer FrameDemo.java
C.	All of the above
D.	None of the above
Answer	**optiona**
Marks:	**2**

1277	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);`
	`          }`
	`  }`
	`  }`

A.	Missing Semicolon
B.	Missing {
C.	Missing }
D.	Missing()
Answer	**optiona**
Marks:	**2**

1278	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");
                    }

                   }
                   }
```

A.	`ps.setInt(1,5);`
B.	`ps.setString(2,"sahil");`
C.	`ps.setInt(3,5000);`
D.	All the above
Answer	**optiond**
Marks:	**2**

1279	What should be at the place of _____ to get the correct output: `import java.sql.*;`

```
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)
{}

}
}
``` |
A.	`executeStatement()`
B.	`createStatement()`
C.	`executeQuery()`
D.	`close()`
Answer	**optionb**
Marks:	**2**
| 1280 | ```
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)
{}

}}
``` |
A.	`*,*`
B.	`$,$`
C.	`?,?`
D.	`&,&`
Answer	**optionc**
Marks:	**2**
1281	`Window is super class of _____`
A.	`Applet`

B.	Panel
C.	Frame
D.	Both Applet and Panel
Answer	**optionc**
Marks:	**1**
1282	**Methods of ResultSet() throws _____**
A.	SQLException
B.	ArithmeticException
C.	IOException
D.	SocketException
Answer	**optiona**
Marks:	**1**
1283	**HttpServlet is a subclass of _____.**
A.	Servlet
B.	ServletConfig
C.	GenericServlet
D.	ServletRequest
Answer	**optionc**
Marks:	**1**
1284	**Cookie class consist _____.**
A.	name and value
B.	name only
C.	value only
D.	None of these
Answer	**optiona**
Marks:	**1**

1285	**Select the missing statements in given code**
	`import java.awt.*;`
	`import java.applet.*;`
	`/*`
	`<applet code="mouse" width=300 height=100>`
	`</applet>`
	`*/`
	`public class  mouse extends Applet implements MouseMotionListener`
	`{`
	`String msg = "";`
	`intmouseX = 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);
}
}
``` |
A.	import java.awt.event.*;
B.	addMouseListener(this)
C.	addActionListener(this)
D.	import java.awt.event.*; addMouseMotionListener(this)
Answer	**optiond**
Marks:	**2**
1286	If port number is not specified in the URL, getPort() method returns _____
A.	-1
B.	8080
C.	80
D.	25
Answer	**optiona**
Marks:	**2**
1287	Identify correct syntax of doPost() method used in servlets.
A.	void doPost(HttpServletRequest req,HttpSession s)
B.	void doPost(HttpSession s, HttpServletRequest req)
C.	void doPost(HttpServletRequest req,HttpServelet s)
D.	void doPost(HttpServletRequest req,HttpServletResponse res)
Answer	**optiond**
Marks:	**2**
1288	getWriter method is accessed as _____
A.	request.getWriter()
B.	response.getWriter()
C.	session.getWriter()
D.	servlet.getWriter()
Answer	**optionb**
Marks:	**1**
1289	Identify correct syntax of addCookie() method
A.	void addCookie()
B.	void addCookie(String cookiename)
C.	void addCookie(Cookie cookie)

D.	`Cookie addCookie()`
Answer	**optionc**
Marks:	**2**

1290	Select the missing statements in the following code
	``java
	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>*/
	``

A.	`t1=new Textfield();` `b1.addActionListener(This);`
B.	`t1=new TextField();` `b1.addActionlistener(this);`
C.	`t1=new TextField();` `b1.addActionListener(this);`
D.	`t1=new TextField();` `b1.addactionListener(this);`
Answer	**optionc**
Marks:	**2**

1291	Find out the missing statements shown by _____in the following code.
	``java
	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);
  }
 }
```

A.	Frame, WindowAdapter,WindowEvent
B.	Applet, WindowAdapter, WindowEvent
C.	JFrame, WindowEvent, WindowAdapter
D.	Frame, WindowAdapter, AcctionEvent
Answer	**optiona**
Marks:	**2**

| 1292 | Select the proper method that can be used to handle the event |

```
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 _____
 {
  if(a.getSource()==r1)
   c.setBackground(Color.RED);
  else if(a.getSource()==r2)
   c.setBackground(Color.GREEN);
  else
   c.setBackground(Color.BLUE);
 }
}
/*<applet code=JRadioDemo.class width=500 height=500></applet>*/
```

A.	itemStateChanged(ActionEvent a)
B.	actionPerformed(ItemEvent i)
C.	actionPerformed(ActionEvent a)
D.	itemStateChanged(ItemEvent a)
Answer	**optionc**
Marks:	**2**

| 1293 | Consider the following output. Find the missing statement in the program shown by _____. |

```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
import javax.swing.*;
/*
<applet code="SimpleKey1" width=300 height=100>
</applet>
*/
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);
}
}
```

A.	`public void keyPressed(KeyEvent ke)`
B.	`public void keyPressed(MouseEvent m)`
C.	`public void mousePressed(MouseEvent m)`
D.	`public void mouseClicked(MouseEvent m)`
Answer	**optiona**
Marks:	**2**

| 1294 | What should be the correction done in the following program to get correct output?<br>```
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){}
 }
}
``` |
| --- | --- |

A.	`import java.SQL.*;`
B.	`import java.sql.*;`
C.	`Connection con=DriverManager.getConnection();`
D.	`Class.Forname("sun.jdbc.odbc.JdbcOdbcDriver");`
Answer	**optiona**
Marks:	**2**

| 1295 | Find out the statement containing error.<br>```
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:mydsn");
        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){}
     }
    }
```

A.	Statement where Connection is created
B.	Statement where prepared statement is created
C.	Statement where package is imported
D.	statement where result set is created
Answer	**optionb**
Marks:	**2**

1296	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){}`
	` }`
	`}`

A.	error in main()
B.	error in if statement
C.	error in catch statement
D.	error in connection statement
Answer	**optiona**
Marks:	**2**

1297	Select the statement that should be added to the following program to get the correct output.
	`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>=0)
          System.out.println("Record Inserted");
         else
          System.out.println("Record not Inserted");
         cn.close();
        }catch(Exception e){}
      }
     }
```

A.	Statement st=cn.createStatement()
B.	Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
C.	PreparedStatement pst=cn.prepareStatement()
D.	None of these
Answer	**optionb**
Marks:	**2**

1298	Choose missing statements in following code from given options.
	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();
	 }
	}

A.	import javax.servlet.http.*;
B.	import java.io.*; PrintWriter pw=res.getWriter();
C.	import javax.servlet.http.*; import java.util.*;
D.	None of these
Answer	**optionb**
Marks:	**2**

1299	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());
	 }
	}

A.	statement where javax.servlet package is imported
B.	statement where doGet() is defined
C.	statement where getWriter() method is invoked
D.	statement where http servlet class is extended
Answer	**optiond**
Marks:	**2**

1300	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)
throwsServletException, IOException
{
String data = _____.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();
}
}
```

A.	response
B.	request
C.	cookie
D.	context
Answer	**optionb**
Marks:	**2**

1301	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();`
	` }`
	`}`

A.	display Hello Servlet with plain style
B.	display Hello Servlet with italic style
C.	display Hello Servlet with plain italic style
D.	display Hello Servlet with bold style
Answer	**optiond**
Marks:	**2**

1302	Which Component of AWT provides a compact, multichoice , scrolling selection?

A.	List
B.	Choice
C.	Panel
D.	TextArea
Answer	**optiona**
Marks:	**1**

1303	Identify the correct constructor of Font class?

A.	Font(int fontstyle,int pointsize,String name)
B.	Font(String name, int fontstyle,int pointsize)
C.	Font(int fontstyle,String name,int pointsize)

D.	`Font(char name, int fontstyle,int pointsize)`
Answer	**optionb**
Marks:	**1**
1304	**Indentify which is a valid constructor of MenuItem class?**
A.	`Menuitem( )`
B.	`Menuitem(int itemname )`
C.	`menuitem(String Itemname)`
D.	`MenuItem(String Itemname)`
Answer	**optiond**
Marks:	**1**
1305	**In Swing Buttons are the subclasses of which class?**
A.	`AbstractButton`
B.	`Jbutton`
C.	`Button`
D.	`JRadioButton`
Answer	**optiona**
Marks:	**1**
1306	**getKeyChar( ) and getkeyCode( ) methods belongs to which event class?**
A.	`ActionEvent`
B.	`MouseEvent`
C.	`ItemEvent`
D.	`KeyEvent`
Answer	**optiond**
Marks:	**1**
1307	**_____class provides an empty implementation of all methods in an Event Listener interface?**
A.	`EventObject`
B.	`Adapter`
C.	`Event`
D.	`AWTEvent`
Answer	**optionb**
Marks:	**1**
1308	**Which of these is a bundle of information passed between machines?**
A.	`Mime`
B.	`Cache`

C.	Datagram
D.	Socket
Answer	**optionc**
Marks:	**1**
1309	**The return type of getHostAddress() method is_____**
A.	InetAddress
B.	string
C.	boolean
D.	byte[]
Answer	**optionb**
Marks:	**1**
1310	**Name the type number belongs to JDBC ODBC Bridge driver?**
A.	Type 1
B.	Type 2
C.	Type 3
D.	Type 4
Answer	**optiona**
Marks:	**1**
1311	**_____is a small piece of Information that is passed back & forth in HTTP request & response**
A.	Servlet
B.	Applet
C.	Cookie
D.	Session
Answer	**optionc**
Marks:	**1**
1312	**_____is a technology for developing web pages that supports dynamic content which helps developer to insert java code in HTM making use of special tages <% _____%>.**
A.	Applet
B.	servlet
C.	JSP
D.	AWT
Answer	**optionc**
Marks:	**1**
1313	**What is purpose of default constructor of Scrollbar( ) class?**
A.	To create scrollbar

B.	To create vertical Scrollbar
C.	To create Horizontal Scrollbar
D.	To create Horizontal & Vertical scrollbar
Answer	**optionb**
Marks:	**2**
1314	**Which Gridlayout class constructor creates single column grid Layout?**
A.	GridLayout(int numRows, int numCol)
B.	GridLayout()
C.	GridLayout(int numRows, int numCol,int horizontal_space, int vertical_space)
D.	GridLayout(int numRows)
Answer	**optionb**
Marks:	**2**
1315	**Which method of Graphics class is to display "HelloWorld" on the Applet shown in figure.**
A.	drawText("HelloWorld",30,30)
B.	drawString("HelloWorld")
C.	addString("HelloWorld",30,30)
D.	drawString("HelloWorld",30,30)
Answer	**optiond**
Marks:	**2**
1316	**Which package contains all classes & methods required for Event Handling in Java?**
A.	java.applet
B.	java.awt
C.	java.awt.event
D.	java.event
Answer	**optionc**
Marks:	**2**
1317	**Identify the components required to design this applet window shown in image?**
A.	Label, Button, TextField, Checkbox, List
B.	Label, Button, TextField, Checkbox, CheckboxGroup
C.	Label, Button, TextField,TextArea, Checkbox, CheckboxGroup
D.	Label, Button, TextField,TextArea, Checkbox, CheckboxGroup, Choice
Answer	**optionb**
Marks:	**2**
1318	**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);
}
}
}
```

A.	JcomboBox jc=new JComboBox() ;
B.	JComboBox jc=new JcomboBox() ;
C.	JComboBox jc=new JCombobox() ;
D.	JComboBox jc=new JComboBox() ;
Answer	**optiond**
Marks:	**2**

1319	Identify the missing statement in the program?
	import java.awt.*;
	import java.awt.event.*;
	import java.applet.*; public class
	extends Applet implements ActionListener
	{
	public 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());
	}
	}
	}

A.	in place of getSource() , getActionCommand( ) should be used
B.	b1.addActionlistener(this) should required in program
C.	Syntax of actionPerformed( ) method is wrong
D.	in place of getLabel() , getText() method is required in the program
Answer	**optionb**
Marks:	**2**

1320	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.getSelectedIteml());
	}
	}
	}

A.	`void itemstatechanged(ItemEvent ie)`
B.	`public void itemStateChanged(ItemEvent ie)`
C.	`public void ItemStatechanged(itemEvent ie)`
D.	`public void Itemstatechanged(itemEvent ie)`
Answer	**optionb**
Marks:	**2**
1321	**Identify the correct code to retrieve values from database**

A.	`Statement st=con.createStatement();` `ResultSet rs=st.execute`
	`{`
	`--`
	`}`

B.	`Statement st=con.createStatement();` `ResultSet rs=st.execute`
	`{`
	`--`
	`}`

C.	`PreparedStatement ps=con.createStatement();` `ResultSet rs=st`
	`{`
	`--`
	`}`

D.	`PreparedStatement ps=con.createStatement();` `ResultSet rs=st`
	`{`
	`--`
	`}`

Answer	**optionb**
Marks:	**2**
1322	**Which of these is a return type of getAddress method of DatagramPacket class?**
A.	`DatagramPacket`
B.	`DatagramSocket`
C.	`InetAddress`
D.	`ServerSocket`
Answer	**optionc**
Marks:	**1**
1323	**the various Control Supported by AWT are**
A.	`Labels,Push Button`
B.	`CheckBox,Choice List`
C.	`Scrollbars,text fields,text area`
D.	`All of these`
Answer	**optiond**
Marks:	**1**
1324	**JApplet class is Derived form**
A.	`Jpanel`
B.	`Jframe`

C.	Jwindow
D.	Applet
Answer	**optiond**
Marks:	**1**
1325	**which is default layout Manager for Japplet?**
A.	BorderLayout
B.	FlowLayout
C.	CardLayout
D.	GridLayout
Answer	**optiona**
Marks:	**1**
1326	**Which of the following are subclasses of Container Class?**
A.	Window,Panel,ScrollPane
B.	ScrollPane,Vector,String
C.	Thread,Vector,String
D.	Applet,Thread,Vector
Answer	**optiona**
Marks:	**1**
1327	**There are _____ types of adjustment events**
A.	1
B.	3
C.	5
D.	4
Answer	**optionc**
Marks:	**1**
1328	**What is Second part of URL address**
A.	Hostname
B.	port number
C.	file path
D.	protocol
Answer	**optiona**
Marks:	**1**
1329	**Which of these method does not belongs to DatagramPacket class**
A.	getData()

B.	getPort()
C.	getLength()
D.	getAddress()
Answer	**optiond**
Marks:	**1**
1330	**Callable Statement used to --------**
A.	calling procedure
B.	execute queries
C.	execute precomplied statement
D.	none of the mentioned
Answer	**optiona**
Marks:	**1**
1331	**Which of following is not true for servlet?**
A.	it is persitent
B.	platform independence
C.	high performance
D.	it is single threaded
Answer	**optiond**
Marks:	**1**
1332	**find out missing line in following code.** **i** **mport java.awt.*;** **importjava.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);** **} }**
A.	Container cp=getContentPane()
B.	setLayout(new FlowLayout( ))
C.	bg.addItemListener(this)
D.	none of the mentioned
Answer	**optiona**
Marks:	**2**
1333	**Which of these events are notified by List?**
A.	ActionEvent
B.	ItemEvent

C.	AdjustmentEvent
D.	both a and b
Answer	**optiond**
Marks:	**2**
| 1334 | ```
select missing statement in following code
/*<applet code="demo.class"  width="310"    hieght="140"></applet>*/
import java.awt;
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");
}
 }
``` |
A.	cb.addActionListener(this); and cp.add(cb);
B.	b.addActionListener(); and cp.add(b)
C.	cp.addActinListener(this) and cp.add(b)
D.	b.addActionListener(); and cp.add(cb1);
Answer	**optiona**
Marks:	**2**
1335	**Select correct constructors of DatagramPacket class?**
A.	DatagramPacket(byte data[],int size)	DatagramPacket(byte data[],int
B.	DatagramPacket(int size,offset size)	DatagramPacket(byte data[],int
C.	DatagramPacket(byte data[],int offset)	DatagramPacket(int size,byte
D.	DatagramPacket(byte data[],int size)	DatagramPacket(int size ,int of
Answer	**optiona**
Marks:	**2**
1336	**Which are methods belongs to DataBaseMetaData?**
A.	getUserName(). ,isReadonly()
B.	getRow() ,getResultSet()
C.	executeQuery(),executeUpdate()
D.	none of the mentioned
Answer	**optiona**
Marks:	**2**
1337	**When to use doPost Method?**
A.	if data is sensetive
B.	data is greter than 1024 character

C.	if your application don't need book mark
D.	all of the above
Answer	**optiond**
Marks:	**2**

1338	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); } }

A.	setJMenuBar(mb);
B.	setJMenuBar();
C.	setMenuBar(mb);
D.	setJMenuBar(mb);
Answer	**optiond**
Marks:	**2**
1339	**which of the following statement is used to scroll databse forward and backward**
A.	Statement si=con.createStatement(ResultSet.TYPE_FORWARD_ONLY,ResultSet.CONCUR_READ_ONLY);
B.	Statement si=con.createStatement(ResultSet.TYPE_FORWARD_ONLY)
C.	Statement si=con.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE)
D.	Statement si=con.createStatement(ResultSet.TYPE_SCROLL_INSENSITIVE)
Answer	**optionc**
Marks:	**2**
1340	**Consider following program what should be the correction done in the program to get correct output?** **Class demo** **{** ** public static void main(String args[])** **{** ** try** ** {** ** Class.forName("sun.jdbc:odbc:jdbcodbcDrive);** ** System.ot.println("Drivers are Loaded");** **Connection con=DriverManager.getConnection("jdbc:odbc:abc");** **System.out.println("Connection estbalished");** **s1="select * fromemp";** **Statement st=con.createStaement();** **ResultSet rs=st.executeQuery(s1);** **rs=st.getResultSet();** **while(rs.netx())** **{** ** 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");

            }
      }
}
``` |
A.	System.out.println("rs.getString("name)+""+rs.getInt("id"))+""rs.getInt("salary"));
B.	missing package statement
C.	Correction in CONNECTION statement
D.	Both B and C option
Answer	**optionb**
Marks:	**2**
1341	**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.**
A.	A and B true
B.	B and C true
C.	A and C true
D.	all of the above
Answer	**optiond**
Marks:	**2**
1342	**consider the following four codes for index.jsp. Select any one option which will print following output.** ** Cube of 3 is: 27**
| A. | ```
<html>
 <body>

 <%!
 int cube(int n){
 return n*n*n*;
 }
 %>

 <%= "Cube of 3 is:"+cube(3) %>

 </body>
 </html>
``` |
| B. | ```
<html>
 <body>

 <%!
 int cube(int n){
 return n*n*n*;
 }
 %>
 <%out.print("Cube of 3 is:"+cube(3) %>
 </body>
 </html>
``` |
| C. | ```
<html>
 <body>

 <%!
 int cube(int n){
 return n*n*n*;
 }
 %>
 <%print("Cube of 3 is:"+cube(3)) %>
 </body>
 </html>
``` |
| | |

D.	```html
	<html>
	 <body>
	
	 <% doc!
	 int cube(int n){
	 return n*n*n*;
	 }
	 %>
	
	 <%= "Cube of 3 is:"+cube(3) %>
	
	 </body>
	 </html>
	``

Answer	**optiona**
Marks:	**2**
1343	**Which Class is used to get dimension of an Applet?**
A.	Dimension
B.	Applet
C.	Metrics
D.	All of them
Answer	**optiona**
Marks:	**1**
1344	**What Checkbox method allows you to tell if a Checkbox is checked?**
A.	getLabel()
B.	setLabel
C.	getState()
D.	None of above
Answer	**optionc**
Marks:	**1**
1345	**State true or false i) AWT is an extended version of swing ii) Paint( ) of Applet class cannot be overridden**
A.	i-true, ii-true
B.	i-false,ii-true
C.	i-false, ii-false
D.	i-true, ii-false
Answer	**optionc**
Marks:	**1**
1346	**Matches the following Component from Figure**
A.	fig(a)-TextField,fig(b)-Button,fig(c)-Label,fig(d)-List,fig(e)-CheckBoxGroup,fig(f)-checkbox,fig(g)-Choice
B.	fig(a)-Choice,fig(b)-JButton,fig(c)-Label,fig(d)-List,fig(e)-CheckBoxGroup,fig(f)-checkbox,fig(g)-TextField
C.	fig(a)-Label,fig(b)-JButton,fig(c)-Choice,fig(d)-List,fig(e)-checkbox,fig(f)-CheckBoxGroup,fig(g)-TextField
D.	None of Them
Answer	**optiona**

Marks:	2

1347	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 > rect1xco && xpos < rect1xco+rect1width && ypos >rect1yco &&
	    ypos < 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();
	 }
	 }

A.	addMouseListener(this);
B.	addMouseMotionerListner(this)
C.	both I and II
D.	None of these
Answer	**optiona**
Marks:	2

1348	**which are the methods are used for Connection interface**
A.	public Statement createStatement()
B.	public Statement createStatement(int resultSetType,int resultSetConcurrency)
C.	public void setAutoCommit(boolean status)
D.	All of the above
Answer	**optiond**
Marks:	2

1349	JSP pages have access to implicit objects that are exposed automatically. One such object that is available is request. The reques instance of which class?
A.	HttpRequest

B.	ServletRequest
C.	Request
D.	HttpServletRequest
Answer	**optiond**
Marks:	**2**
1350	**How does Tomcat execute a JSP?**
A.	As a CGI script
B.	As an independent process
C.	By one of Tomcat's threads
D.	None of the above is correct
Answer	**optionc**
Marks:	**1**
1351	**Below show the figure matches with respect to output**
| A. | ```
import java.awt.*;
import java.applet.*;
/*<applet code="Border.class" width=300 height=300>  */

public class Border extends Applet{

public void init()
{
    BorderLyout br=new BorderLayout();
    setLayout(br);
    Button b1=new Button("NORTH");
    Button b2=new Button("SOUTH");
    Button b3=new Button("EAST");
    Button b4=new Button("WEST");
    Button b5=new Button("CENTER");
    add(b1,BorderLayout.NORTH);
     add(b2,BorderLayout.SOUTH);
 add(b3,BorderLayout.EAST);
 add(b4,BorderLayout.WEST);
 add(b5,BorderLayout.CENTER);
}
}
``` |
| B. | ```
import java.awt.*;
import javax.swing.*;

public class Border {
JFrame f;
Border(){
    f=new JFrame();

    JButton b1=new JButton("NORTH");;
    JButton b2=new JButton("SOUTH");;
    JButton b3=new JButton("EAST");;
    JButton b4=
``` |
| C. | ```
import java.awt.*;
import javax.swing.*;

public class Border {
Border(){

    JButton b1=new JButton("NORTH");;
    JButton b2=new JButton("SOUTH");;
    JButton b3=new JButton("EAST");;
    JButton b4=new JButton("WEST");;
``` |
| D. | ```
import java.awt.*;
import javax.swing.*;

public class Border {
JFrame f;
Border(){
``` |

```
                      f=new JFrame();

                      JButton b1=new JButton("NORTH");;
                      JButton b2=new JButton("SOUTH");;
                      JButton b3=new JButton("EAST");;
                      JButton b4=
```

Answer	**optiona**

Marks:	**2**

1352	**Select proper code for given image as shwon in below**

| A. | ```
import java.awt.*;
import java.applet.*;
public class choice11 extends Applet
{
public void init()
{
Choice os=new Choice();
os.add("wnn18");
os.add("wnn xp");
os.add("wnn nt");
os.add("win 2000");
add(os);
}
}
/*<applet code="choice11" height=200 width=300>
</applet>*/
``` |
| --- | --- |
| B. | ```
import java.awt.*;
import java.applet.*;
public class choice11 extends Applet
{
public void init()
{
Choice os=new Choice();
os.add("wnn18");
os.add("wnnxp");
add(os);
}
}
/*<applet code="choice11" height=200 width=300>
</applet>*/
``` |
| C. | ```
import java.awt.*;
import java.applet.*;
public class choice11 extends Applet
{
public void init()
{
Choice os=new Choice();
os.add("wnn18");
os.add("wnnxp");
os.add("win 2000");
add(os);
}
}
``` |
| D. | ```
import java.awt.*;
import java.applet.*;
public class choice11 extends Applet
{
public void init()
{
Choice os=new Choice();
os.add("wnn18");
os.add("wnnxp");
os.add("wnnnt");
os.add("win 2000");
}
}
/*<applet code="choice11" height=2
``` |

Answer	**optiona**

Marks:	**2**

1353	**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 actionPerformed(ActionEvent e){
tf.setText("Welcome");
}

public static void main(String args[]){
new AEvent();
}
}
```

A.	itemStateChanged(ActionEvent e)
B.	adjustmentPerformed(AdjustementEvent e)
C.	actionPerformed(ActionEvent e)
D.	None of the them
Answer	**optionc**
Marks:	**2**

1354

```
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?
```

A.	The output contains JTabbedPane,Jbutton,JCheckBox, Jtable,
B.	The output contains button,JCheckBox, Jtable,JComboBox with canvas
C.	The output contains ,JCheckBox, table,ComboBox with Frame
D.	The output contains JTabbedPane,Jbutton,JCheckBox, Jtable,JComboBox with JPanel
Answer	**optiond**
Marks:	**2**

1355	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.prepareCall("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);
        }

        }

        }
```

A.	Missing semicolon

B.	Missing {

C.	Missing }

D.	Missing connection

Answer	**optiond**

Marks:	**2**

1356	What is the output of following Program
	
	``java
	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);
	    }
	``

A.	Error in main()

B.	Error in loop

C.	No. of rows before commit statement = 1 No. of rows after commit statement = 3

D.	None of them

Answer	**optionc**

Marks:	**2**

1357	Consider the following program
	Select the statement that should be added to the program to get correct output.
	
	``java
	 importjava.sql.*;
	class create {
	public static void main main(String args[])
	{
	try
	{
	Class.forName("sun.jdbc.odbc.jdbcOdbcDriver");
	System.out.printf("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(Execption e)
{
}
}
}
```

A.	con.close();
B.	ps1.executeUpdate();
C.	ps1.close();
D.	None of them
Answer	**optionb**
Marks:	**2**

1358	What is the output of program
	
	``
	 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");
	         PrintWriter out = response.getWriter();
	       out.println(" " + message + " ");
	  }
	
	  public void destroy()
	  {
	      }
	}
	``

A.	Hello Word
B.	Missing Semicolon
C.	Missing Package ststement
D.	None of these
Answer	**optiona**
Marks:	**2**

1359	AWT classes are contained in the _____ package
A.	java.awt
B.	java.util
C.	java.net
D.	java.applet
Answer	**optiona**
Marks:	**1**

1360	The correct hierchy for panel is
A.	Component-Container-Window-Panel

B.	Component-Container-Applet-Panel
C.	Component-Container-Panel
D.	Container-Component-Panel
Answer	**optionc**
Marks:	**1**
1361	**To display text on the applet _____ method is used.**
A.	showString()
B.	drawString()
C.	println()
D.	printString()
Answer	**optionb**
Marks:	**1**
1362	**AppletViewer tool is available in which of the folder of JDK**
A.	bin
B.	lib
C.	source
D.	class
Answer	**optiona**
Marks:	**1**
1363	**Which of the following is true about AWT and Swing Component?**
A.	AWT Components create a process where as Swing Component create a thread
B.	AWT Components create a thread where as Swing Component create a process
C.	Both AWT and Swing Component create a process
D.	Both AWT and Swing Component create a thread
Answer	**optiona**
Marks:	**1**
1364	**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?**
A.	http://localhost:8080/secureapp/do/Login?name="bob"
B.	http://localhost:8080/secureapp/doLogin?name="bob"
C.	http://localhost:8080/Login?name="bob"

D.	http://localhost:8080/secureapp/Login?name="bob"
Answer	**optiona**
Marks:	**2**

1365	Observe the following code
	
	``java
	import java.awt.*;
	import javax.swing.*;
	/*<applet code="JTableDemo.class" width=400 height=500>
	</applet> */
	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);
	  }
	}
	``

A.	The output is obtained in table with two rows and three columns.
B.	The output is obtained in table with two rows and two columns.
C.	The output is obtained in table with three rows and three columns.
D.	The output is obtained in table with two rows and three columns with horizontal and vertical scrollbar
Answer	**optiond**
Marks:	**2**

1366	consider following code. what is an ouput of given code?
	
	``java
	import java.sql.*;
	class Rsmd{
	public static void main(String args[]){
	try{
	Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
	    Connection con = DriverManager.getConnection("jdbc:odbc:mydsn");
	PreparedStatement ps=con.prepareStatement("select * from employee");
	ResultSet rs=ps.executeQuery();
	
	ResultSetMetaData rsmd=rs.getMetaData();
	
	System.out.println("Total columns: "+rsmd.getColumnCount());
	System.out.println("Column Name of 1st column: "+rsmd.getColumnName(1));
	System.out.println("Column Type Name of 1st column: "+rsmd.getColumnTypeName(1));
	
	con.close();
	
	}catch(Exception e){ System.out.println(e);}
	
	}
	}
	``

A.	Total columns: 2 Column Name of 1st column: empid Column Type Name of 1st column: INTEGER
B.	Column Name of 1st column: empid Column Type Name of 1st column: INTEGER
C.	Total columns: 2 Column Name of 1st column: empid
D.	Total columns: 2 Column Type Name of 1st column: INTEGER
Answer	**optiona**

Marks:	2

1367	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("<html><body>");
	          if (session == null) {
	      writer.println(" You are not logged in ");
	    } else {
	      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(" name=" + name + " value=" + value + " ");
	    } }
	        writer.println(" Return" +
	                    " to login page ");
	      writer.println("</body></html>");
	      writer.close();
	    } catch (Exception e) {
	      e.printStackTrace();
	    } } }
	``

A.	import javax.servlet.http.*; import java.io.*; import java.util.*; import javax.servlet.*;
B.	import javax.servlet.http.*; import java.util.*;
C.	import javax.servlet.*; import java.util.*;
D.	import javax.servlet.http.*; import java.io.*;

Answer	**optiona**

Marks:	2

1368	A checkbox is a control that consist of a :
A.	Combination of a small Box
B.	A Label
C.	Combination of a Large Box and a label
D.	Both a & b

Answer	**optiond**

Marks:	1

1369	Which of the following is mediator between real web server and client application
A.	Host
B.	Proxy
C.	HTTP
D.	TCP

Answer	**optionb**

Marks:	1

1370	In the applet window a user wants to arrange all component one after another Which statement will work efficiently

A.	`setLayout(new cardLayout() );`
B.	`setFlowLayout();`
C.	`FlowLayout f=new FlowLayout();`
D.	`setLayout(new FlowLayout());`
Answer	**optiond**
Marks:	**2**
1371	**State whether given code is correct or wrong:** **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());** **}** **}**
A.	TRUE
B.	FALSE
C.	
D.	
Answer	**optionb**
Marks:	**2**
1372	**When a program class implements an interface, it must provide behavior for**
A.	two methods defined in that interface
B.	any methods in a class
C.	only certain methods in that interface
D.	all methods defined in that interface
Answer	**optiond**
Marks:	**2**
1373	**Which JDBC driver maps the JDBC calls to the native method calls, which are** **passed to the local native Call Level Interface (CLI)?**
A.	Native-API-Partly-Java driver
B.	JDBC-ODBC Bridge driver
C.	Native Protocol Pure-Java driver
D.	JDBC-Net-Pure-Java driver
Answer	**optiona**
Marks:	**2**
1374	**What will be the error in following code?** **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);
}
}
```

A.	List index will out of bound
B.	the return type of method getItem () is not match
C.	Syntex error in l.add ("Pune",2);
D.	List l is created
Answer	**optionb**
Marks:	**2**

1375	**What will be the result of executing the following code snippet?** **Statement sql2 = con.createStatement();** **int result=sql2.executeUpdate("Select * From Publishers");**
A.	Will throw an exception
B.	Will result in compilation error
C.	Will return the number of rows retrieved from Publishers table
D.	Will return null
Answer	**optionb**
Marks:	**2**

1376	**Why are swing component termed as lightweight ?**
A.	they depend on native platform
B.	they do not depend on native platform
C.	they depend on native application
D.	they do not depend on native application
Answer	**optionb**
Marks:	**1**

1377	**Which method is used to close a swing frame?**
A.	setTitle()
B.	setDefaultCloseOperation()
C.	setVisible()
D.	pack()
Answer	**optionb**
Marks:	**1**

1378	**What is the default layout for a dialog?**
A.	FlowLayout
B.	GridLayout

C.	CardLayout
D.	BorderLayout
Answer	**optiond**
Marks:	**1**
1379	**Which method is used to display Label on checkbox?**
A.	boolean getState()
B.	void setState(boolean)
C.	String getLabel()
D.	void setLabel()
Answer	**optionc**
Marks:	**1**
1380	**How to remove the event listener?**
A.	Using removeTypeListener( ) method.
B.	Using removeListener( ) method.
C.	Using removeEvent( ) method.
D.	It is not possible to remove the event listener.
Answer	**optiona**
Marks:	**1**
1381	**In which package the methods for receiving and processing events are defined**
A.	java.event
B.	java.awt.event
C.	java.event.event
D.	java.util.event
Answer	**optionb**
Marks:	**1**
1382	**Which of the following is correct event handling methods**
A.	mousePressed(MouseEvent e){}
B.	mousePressed(MouseClicked e){}
C.	functionkey(KeyPressed k){}
D.	mouserelese(MouseMoved e){}
Answer	**optiona**
Marks:	**1**
1383	**Which interface is important from java.sql package in JDBC?**
A.	Statement

B.	Result
C.	Connection
D.	None of these
Answer	**optionc**
Marks:	1
1384	**Which method is used to extract cookies from a request?**
A.	getCookies()
B.	getData()
C.	getHeaders()
D.	getParameter()
Answer	**optiona**
Marks:	1
1385	**Which methods are used to Extract all names and value pairs from the Http request**
A.	getParameter() and getParameterValues()
B.	getParameter() and getParameterNames()
C.	getParameterNames() and getParameterValues()
D.	getParameterNameValues() and getParameter()
Answer	**optionc**
Marks:	2
1386	**Suppose A is an inner class in Test. A is compiled into a file named _____.**
A.	A.class
B.	Test.class
C.	A$Test.class
D.	Test&A.class
Answer	**optionb**
Marks:	2
1387	**What is the disadvantage of Type-4 Native-Protocol Driver?**
A.	At client side, a separate driver is needed for each database.
B.	Type-4 driver is entirely written in Java
C.	The driver converts JDBC calls into vendor-specific database protocol
D.	It does not support to read MySQL data.
Answer	**optiona**
Marks:	2
1388	**Suppose the servlet class named Test does not have the package statement, by default, you use _____ to invoke it**

A.	`http://localhost:8080/examples/servlet/Test`
B.	`http://localhost:8080/examples/servlet/test`
C.	`http://localhost:8080/Test`
D.	`http://localhost:8080/test`
Answer	**optiona**
Marks:	**2**
1389	**Every layout manager is an instance of _____.**
A.	`the LayoutManager interface`
B.	`the LayoutManager class`
C.	`the Layout interface`
D.	`the Layout class`
Answer	**optiona**
Marks:	**1**
1390	**A MenuItem object can generate _____ events.**
A.	`ActionEvent`
B.	`ItemEvent`
C.	`ComponentEvent`
D.	`ContainerEvent`
Answer	**optiona**
Marks:	**1**
1391	**_____ class is designed to connect to server sockets.**
A.	`Socket`
B.	`SocketClient`
C.	`ClientSocket`
D.	`SerevrSocket`
Answer	**optiona**
Marks:	**1**
1392	**Invoking Class.forName() method may throw _____.**
A.	`RuntimeException`
B.	`ClassNotFoundException`
C.	`IOException`
D.	`SQLException`
Answer	**optionb**
Marks:	**1**

1393	The GET and POST methods are specified in _____.
A.	a CGI program
B.	Java program
C.	an HTML form
D.	a URL string
Answer	**optionc**
Marks:	**1**
1394	To compile a Java servlet program, the _____ file must be in the classpath.
A.	TomcatRootDir\servlet.jar
B.	TomcatRootDir\common\servlet.jar
C.	TomcatRootDir\common\lib\servlet.jar
D.	TomcatRootDir\common\bin\lib\servlet.jar
Answer	**optionc**
Marks:	**1**
1395	_____ contains classes and interfaces required to build servlets
A.	javax.servlet
B.	HttpServlet
C.	ServletRequest
D.	ServletResponse
Answer	**optiona**
Marks:	**2**
1396	For a HttpSession, say session, how do you get its attribute?
A.	session.getValue("lastName")
B.	session.getAttribute("lastName")
C.	session.value("lastName")
D.	session.attribute("lastName")
Answer	**optionb**
Marks:	**2**
1397	Which of the following statements are true?
A.	The model-view-controller (MVC) approach is a way of developing components by separating data storage and handling from the visual
B.	The model-view-controller (MVC) approach makes multiple views possible so that data can be shared through the same model.
C.	The model-view-controller (MVC) approach simplifies the task of writing complex applications and makes the components scalable an
D.	ALL
Answer	**optiond**

Marks:	2
1398	**To get the depth of a JTree jTree, invoke _____**
A.	jTree.getRoot().getDepth()
B.	jTree.getDepth()
C.	jTree.getTreeRoot().getDepth()
D.	jTree.getRoot().getSize()
Answer	**optiona**
Marks:	2
1399	**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);** **}** **}**
A.	java combodemo11
B.	java combo11
C.	appletviewer combodemo11.java
D.	All of above
Answer	**optionc**
Marks:	2
1400	**Java servlets are better than the CGI programs because _____.**
A.	Servlets are written in Java while CGI programs are written in Perl or other languages. you can develop servlets with the support
B.	Servlets are dynamically executed.
C.	For each CGI execution, the Web browser spawns a new process to execute a CGI program. However, all servlets are executed within t
D.	A and C
Answer	**optiond**
Marks:	2
1401	**The _____ directive lets you provide information for the page, such as importing classes and setting up content type. The page** **appear anywhere in the JSP file.**
A.	page
B.	include
C.	tablib

D.	`import`
Answer	**optiona**
Marks:	**2**
1402	**_____class encapsulates AWT events.**
A.	`Button`
B.	`AWTEvent`
C.	`AWTEVENTMulticaster`
D.	`BorderLayout`
Answer	**optionb**
Marks:	**1**
1403	**_____class creates blank sementics free window**
A.	`Choice`
B.	`CardLayout`
C.	`AWTEvent`
D.	`Canvas`
Answer	**optiond**
Marks:	**1**
1404	**The method drawRect() is used to display an _____**
A.	`field rectangle`
B.	`outlined rectangle`
C.	`Half field rectangle`
D.	`Half outlined rectangle`
Answer	**optionb**
Marks:	**1**
1405	**Swing is the set of _____ that provides more powerful & flexible components as compare to AWT.**
A.	`functions`
B.	`Members`
C.	`Classes`
D.	`Objects`
Answer	**optionc**
Marks:	**1**
1406	**In which class the constructors are not visible**
A.	`socket class`
B.	`address class`

C.	Inetaddress class
D.	sever class
Answer	**optionc**
Marks:	**1**
1407	**Type 3 driver is also known as_____**
A.	JDBC-ODBC Bridge Driver
B.	JDBC-Native API
C.	JDBC-net Pure Java
D.	None of above
Answer	**optionc**
Marks:	**1**
1408	**Backbone of JDBC Architecture is _____**
A.	Driver Interface
B.	Driver Manager
C.	Connection Manager
D.	Connection Interface
Answer	**optionb**
Marks:	**1**
1409	**JDBC-ODBC bridge product provide _____ access via _____.**
A.	ODBC drivers,JDBC drivers
B.	Drivers,Application
C.	Application,Drivers
D.	JDBC driver, ODBC drivers
Answer	**optiond**
Marks:	**1**
1410	**Which of these protocol uses service() method to process the request in servlet?**
A.	TCP
B.	UDP
C.	HTTP
D.	SHTTP
Answer	**optionc**
Marks:	**1**
1411	**_____ Method returns true if the server created the session and it has not yet been accessed by the client.**
A.	isSession()

B.	isNew()
C.	getId()
D.	invalidate()
Answer	**optionb**
Marks:	**1**
1412	**What is the purpose of following code?** **JTextField jtf=new JTextField(15)**
A.	Defining Textfield
B.	Adding textfeld
C.	Layout managing
D.	content pane creation
Answer	**optiona**
Marks:	**2**
1413	**No of constructors of JComboBox are_____**
A.	1
B.	2
C.	3
D.	4
Answer	**optionb**
Marks:	**2**
1414	**_____ is not a constructor of JTree class**
A.	JTree(Hashtable ht)
B.	JTree(Object obj[])
C.	JTree(Vector v)
D.	JTree(Button b[])
Answer	**optiond**
Marks:	**2**
1415	**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.printIn("Ouch !");** ** }** ** });** **outer.add(button);** **outer.pack();** **outer.setVisible(true);**

	}
	}
A.	Anonymous Inner class
B.	Local Inner class
C.	Member Inner class
D.	Static Inner class
Answer	**optiona**
Marks:	**2**
1416	**When client and server is communicating using TCP protocol then communication is _____**
A.	connection-oriented, concurrent
B.	connectionless, iterative
C.	connection-oriented, iterative
D.	connectionless, concurrent
Answer	**optiona**
Marks:	**2**
1417	**Which of the following statements is true concerning JDBC?**
A.	It is Useful for all object-oriented language
B.	It consist three main layers.
C.	It is similar concept to ODBC.
D.	It is language independent.
Answer	**optionc**
Marks:	**2**
1418	**API is which of the following**
A.	The same thing as ODBC
B.	Middleware that does not provide access to database
C.	Middleware that provide access to database.
D.	The same thing as JDBC.
Answer	**optionc**
Marks:	**2**
1419	**Three-tier Architecture includes which of the following.**
A.	Two client layers and one sever layers
B.	Three server layers
C.	Three client layers
D.	client layer and two server layers
Answer	**optiond**

Marks:	2

1420	The Status code _____ shows "Resource Temporarily Moved"
A.	202
B.	200
C.	302
D.	503
Answer	**optionc**

Marks:	2

1421	Which will be correct line of code at line no 13
	1.
	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. ………………
	14. contentPane.setLayout(new FlowLayout());
	15. jtf=new JTextField(15);
	16. contentPane.add(jtf);
	17. }
	18. }

A.	Container contentPane=getContent();
B.	Container contentPane=ContentPane(a);
C.	Container contentPane=getContentPane(int a);
D.	Container contentPane=getContentPane();
Answer	**optiond**

Marks:	2

1422	What will be output of following code.
	Import javax.swing>*;
	Public class Test {
	Public static void main(String[] args) {
	JButtonjbtOK=new JButton("OK");
	System.out.print(jbtOK.isVisible()) + ",");
	JFrame frame =new JFrame();
	System.out.println(frame.isVisible());
	}
	}

A.	true,true
B.	true,false
C.	false,true
D.	false,false
Answer	**optionb**

Marks:	2

1423	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 jbt=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);
}
}
```

A.	The program has runtime error
B.	Two buttons displayed,but only one button has the border
C.	The program has compile error.
D.	Two buttons displayed with same border
Answer	**optionc**
Marks:	**2**

1424	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();`
	`}`
	`}`

A.	actionPerformed(ActionEvent e)
B.	itemStateChanged(ActionEvent e)
C.	itemStateChanged(ItemEvent e)
D.	adjustmentPerformed(AdjustmentEvent e)
Answer	**optiona**
Marks:	**2**

1425	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);
            }
    }
```

A.	Error at compile time
B.	Visible Frame created that that can be closed
C.	Compilation but no output at run time
D.	Error at compile time because of comment before import statements
Answer	**optiona**
Marks:	**2**

1426	Choose missing statements in following code from given options.
	     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=DriveManager.getConnection(url);
	System.out.println("Connection Established");
	con.close();
	}
	catch(SQLExcption e)
	{
	System.out.println("SQL Error has occurred ");
	catch(Exception e)
	{
	System.out.println("Error! Connection not established");
	}
	}
	}

A.	ClassforName("sun.jdbc.odbc.OdbcJdbcDriver");
B.	Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
C.	Class.forName("sun.odbc.jdbc.jdbcOdbcDriver");
D.	None of the above
Answer	**optionb**
Marks:	**2**

1427	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(SQLExcption e)
	{
	System.out.println("SQL Error has occurred ");
	catch(Exception e)
	{
	System.out.println("Error! Connection not established");
	}
	}}

A.	Connection con=DriverInterface.getConnection(url);

B.	`Connection con=DriveManager.getConnection(url);`
C.	`Connection con=DriveManager.setConnection(url);`
D.	`Connection con=DriveInterface.getConnection(url);`
Answer	**optionb**
Marks:	**2**

1428	**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(SQLExcption e)`
	`{`
	`System.out.println("SQL Error ");`
	`{`
	`catch(Exception e)`
	`{`
	`System.out.println("error");`
	`}`
	`}`
	`}`

A.	`Connection to database created`
B.	`Error`
C.	`Drivers are properly loaded`
D.	`both b and c`
Answer	**optiond**
Marks:	**2**

1429	**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)`
	`{`
	`}`

A.	`update emp by accepting salary`
B.	`update emp by accepting id and salary as aparameter`
C.	`update emp by accepting salary and id as  a parameter`
D.	`None of the above`
Answer	**optionc**
Marks:	**2**

1430	**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 > ?");
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){ }
 }
 }
```

A.	marks>40
B.	marks < 40
C.	c) both a and b
D.	None of above
Answer	**optiona**
Marks:	**2**

1431	Find out the missing statement `<html>` `<head>` `<title>Reading Cookies</title>` `</head>` `<body>` `<center>` `<h1>Reading Cookies</h1>` `</center>` `<%` `   Cookie cookie = null;` `   Cookie[] cookies = null;` `   // Get an array of Cookies associated with this domain` `      if( cookies != null ){` `      out.println("<h2> Found Cookies Name and Value</h2>");` `      for (int i = 0; i < cookies.length; i++){` `         cookie = cookies[i];` `         out.print("Name : " + cookie.getName( ) + ",  ");` `         out.print("Value: " + cookie.getValue( )+"  ");` `      }` `   }else{` `      out.println("<h2>No cookies founds</h2>");` `   }` `%>` `</body>` `</html>`
A.	cookies = request.getCookies();
B.	cookies = response.getCookies();
C.	cookies = response.Cookies();
D.	cookies = request.setCookies();
Answer	**optiona**
Marks:	**2**

1432	Which of the following class is Derived from Container Class?
A.	Componenet
B.	Panel
C.	MenuComponent
D.	List
Answer	**optionb**
Marks:	**1**

1433	Which Method Is used to register a mouse Motion Listner

A.	addMouse()
B.	addMouseListener()
C.	addMouseMotionListener()
D.	eventMouseMotionListener()
Answer	**optionc**
Marks:	**1**
1434	**Modification of the text can be controlled by**
A.	isEditable()
B.	setEditable()
C.	Echochar()
D.	nane of the above
Answer	**optionb**
Marks:	**2**
1435	**………….method is used to find the host name of URL?**
A.	gethost()
B.	GetHost()
C.	Gethost()
D.	getHost()
Answer	**optiond**
Marks:	**2**
1436	**In the following statements identify the disadvantages of CGI?**
A.	If number of clients increases, it takes more time for sending response
B.	For each request, it starts a process and Web server is limited to start processes
C.	It uses platform dependent language e.g. C, C++, perl
D.	All mentioned above
Answer	**optiond**
Marks:	**2**
1437	**java Applets are used to create …………………Applications**
A.	graphical
B.	userintractive
C.	both (a) and (b)
D.	none of these
Answer	**optionc**
Marks:	**2**

1438	.............method can be used to obtain refrence to the container that generate ContainerEvent.
A.	getContainer()
B.	getContainerCommand()
C.	getActionEvent()
D.	getContainerEvent()
Answer	**optiond**
Marks:	**2**
1439	**Are Resultsets Updateable?**
A.	yes,but if only you call the method openCursor()on ResultSet,and if the driver and database supprot this option
B.	yes,but if only you indicate concurrent strategy when executing the statement ,and if the driver and database supprot this option
C.	yes,but if the resultset is an object of class UpdatableResultSet ,and if the driver and database support this option
D.	no,ResultSets are never Updatable.
Answer	**optionc**
Marks:	**2**
1440	**Which Of these Compenent can be added to frame?**
A.	Label
B.	Button
C.	CheckboxGroup
D.	All of the Above
Answer	**optiond**
Marks:	**1**
1441	**Which of the subclasses of java.awt.component?**
A.	Container classes
B.	Net user interface classes
C.	Helper classes such as Color and Font
D.	Layout managers
Answer	**optiona**
Marks:	**1**
1442	**The method ____gets the text of the button jtb is**
A.	jtb.text( )
B.	jtb.getText( )
C.	jtb.FindText( )
D.	jtb.retrieveText( )
Answer	**optionb**

Marks:	1
1443	Which package is necessary to import all java classes concerned with database connectivity?
A.	java.io.*
B.	java.mysql.*
C.	java.sql.*
D.	java.awt.*
Answer	**optionc**
Marks:	1
1444	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.
A.	All are correct.
B.	Only A and B are correct.
C.	Only A,B and C are correct.
D.	Only A and C are correct.
Answer	**optiona**
Marks:	2

1445	Consider the following program. Find which statement contains error.
	
	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);
	 }
	}

A.	f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE); statement contains error.
B.	Container c=f.getContentPane(); statement contains error.
C.	public static void main(String args[]) contains error.
D.	No error.
Answer	**optiond**
Marks:	2
1446	Select the proper command to run the following code

```java
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");
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);
}
}
}
```

A.	appletviewer mymenu.java
B.	appletviewer mymenu.html
C.	java mymenu
D.	none of the above.
Answer	**optionc**
Marks:	**2**

1447	Find the missing statement in the program.

```java
import java.applet.Applet;
import java.awt.*;
import java.awt.event.*;
/*
<APPLET
CODE=textarea.class
WIDTH=200
HEIGHT=200 >
</APPLET>
*/
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){
textarea1.insert(msg, 0);
}
}
}
```

A.	implements ActionListener

B.	implements ItemListener

C.	Implements MouseListener

D.	implements ButtonListener

Answer	**optiona**

Marks:	**2**

1448	**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?**

A.	Two buttons displayed with the same border.

B.	Two buttons displayed,but only one button has the border.

C.	The program has compile error because you assigns new TitledBorder("MyButton")to a variable of the Border type.

D.	The program has the run time error because you cannot set a border on a button.

Answer	**optiona**

Marks:	**2**

1449	**Choose missing statements in following code from given options.** **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");
      }
     }
    }
```

A.	{ missing
B.	; missing
C.	URL class missing
D.	} missing
Answer	**optiond**
Marks:	**2**

1450	Choose missing statements in following code from given options.
	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("<B>");
	  for(int i = 0; i < cookies.length; i++)
	  {
	   String name = cookies[i].getName();
	   String value = cookies[i].getValue();
	   pw.println("name = " + name +"; value = " + value);
	  }
	  pw.close();
	 }
	}

A.	import javax.servlet.http.*; and ServletException
B.	import javax.servlet.ftp.*; and HeaderException
C.	import javax.servlet.http.*; and IOException
D.	import javax.servlet.http.*; and NullPointerException
Answer	**optiona**
Marks:	**2**

1451	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();
	 }
	}

A.	Error in Exception
B.	Error in importing packages
C.	Error in doPost() method
D.	No error.

Answer	**optionc**
Marks:	2

1452	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 = 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();
	 }
	}

A.	setCookie()
B.	addCookie()
C.	getCookie()
D.	addCookieValue()
Answer	**optionb**
Marks:	2

1453	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();
	}
	}

A.	javac HelloServlet.java
B.	javac HelloServlet.java -classpath "C:\Program Files\Apache Tomcat 4.0\bin"
C.	javac HelloServlet.java -classpath "C:\Program Files\Apache Tomcat 4.0\common\lib\servlet.jar"
D.	javac HelloServlet.java setpath ="C:\Program Files\ Apache Tomcat4.0 \common\lib\servlet.jar";
Answer	**optionc**
Marks:	2
1454	Which of these methods is used to setting the winwods dimension
A.	void setSize(Dimension new_size)
B.	void setBounds(int x,int y, int x1, int y1)
C.	void setCoordinate()
D.	void setAlignment(int how)
Answer	**optiona**
Marks:	1
1455	Which is the method is used to count the number of items in the list

A.	getItem()
B.	getSelectedItem()
C.	getItemCount()
D.	getCount()
Answer	**optionc**
Marks:	**1**
1456	**Which is the correct constructor of GridLayout**
A.	GridLayout(int a)
B.	GridLayout(int numrows, int numcols)
C.	GridLayout(int numrows, int cols,int vert)
D.	GridLayout(int horz)
Answer	**optionb**
Marks:	**1**
1457	**Which is not the correct listener**
A.	ActionListener
B.	TextAreaListener
C.	WindowListener
D.	FocusListener
Answer	**optionb**
Marks:	**1**
1458	**Which methods are defined by ComponentListener**
A.	void componentAdded(ContainerEvent obj)
B.	void componentRemoved(ContainerEvent obj)
C.	void componentDisabled(ContainerEvent obj)
D.	void componentHidden(ComponentEvent obj)
Answer	**optiond**
Marks:	**1**
1459	**Which is the correct syntax from given?**
A.	getAddress(byte[])
B.	byte getAddress()
C.	[]byte getAddress()
D.	byte[] getAddress()
Answer	**optiond**
Marks:	**1**

1460	Which class is used to connect java application to JDBC driver
A.	Connection
B.	DriverManager
C.	GetManager
D.	Manager
Answer	**optionb**
Marks:	**1**
1461	Which is default ResultSet type
A.	TYPE_FORWARD_ONLY
B.	TYPE_AFTERFIRST_ONLY
C.	TYPE_NEXT_ONLY
D.	TYPE_BACKWARD_ONLY
Answer	**optiona**
Marks:	**1**
1462	_____ is a table of data which represents a data from database
A.	MetaData
B.	ResultSetMetaData
C.	ResultSet
D.	Statement
Answer	**optionc**
Marks:	**1**
1463	Which is not the method in servlet to handle http request
A.	doPost()
B.	doGet()
C.	doPut()
D.	doShow()
Answer	**optiond**
Marks:	**1**
1464	how to disable the default layout manager
A.	setLayout(null)
B.	setLayout(false)
C.	a or b
D.	setLayout()
Answer	**optiona**

Marks:	2

1465	afterLast() method returns………………….
A.	Moves cursor to the end of resultset that is after last row
B.	Moves cursor to the last row of resultset
C.	Moves cursor to the end of resultset
D.	Moves cursor to the end of resultset that is before last row
Answer	**optiona**

Marks:	2

1466	The getAttribute(String attr) returns
A.	Returns MIME type of attribute
B.	Returns path of the attribute
C.	Returns value of the server attribute
D.	both a and b
Answer	**optionc**

Marks:	2

1467	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
```

A.	`}`
B.	`public void mouseReleased(MouseEvent me)`
C.	`addMouseMotionListener(this);`
D.	`()`
Answer	**optionb**
Marks:	**2**

1468	Select the missing code in the program for following output
	`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);`
	`}`
	`}`

A.	`addItemListener();`
B.	`addActionListener(this);`
C.	`addItemListener(this);`

D.	None of the Above
Answer	**optionc**
Marks:	**2**
1469	**What is the correct sequence of database connectvity**
A.	My Computer->Control Panel->Admistrative Tool-> Create User DNS
B.	My Computer->Control Panel->Admistrative Tool-> Data Source(ODBC)->Create User DSN->Add DSN
C.	My Computer->Admistrative Tool->Control Panel-> Data Source(ODBC)
D.	My Computer-->Admistrative Tool->Control Panel Data Source(ODBC)->Create User DSN
Answer	**optionb**
Marks:	**2**
1470	**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");** **}** **}** **}**
A.	Missing {
B.	Missing Semicolon
C.	Missing Statement
D.	Missing }
Answer	**optionc**
Marks:	**2**
1471	**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 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");
  }
  }
  }
```

A.	`st.close()`
B.	`rs.createStatement()`
C.	`ResultSet rs=st.executeQuery(s1);`
D.	`st.executeUpdate(s1);`
Answer	**optionc**
Marks:	**2**

| 1472 | 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");
 }
 }
 }
```

| A. | `Class.forName("sun.jdbc.odbc.JdbcOdbcDriverManger");` |

B.	`Class.forName("sun:jdbc:odbc:JdbcOdbcDriver");`
C.	`String url="jdbc:jdbcodbcDriver:abc";`
D.	`String url="jdbc:odbc:abc";`
Answer	**optiond**
Marks:	**2**
| 1473 | ```
Observe the following code and what will be the output of the program
import java.sql.*;
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 Sucessful");
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-sucessful...!!!");
}
}
}
``` |
A.	The output will give information about rows and coloums
B.	The output will give information about ResultSet Metadata
C.	The output will give information about database
D.	The output will give information about ResultSet table
Answer	**optionb**
Marks:	**2**
| 1474 | ```
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

<html><form action="DemoServ" method="GET">

<input type="submit" value="Click">
</form></html>
``` |
| A. | doGet |
| B. | doPost |

C.	doPut
D.	doDelete
Answer	**optiona**
Marks:	**2**
1475	**Which of the following class act as a super class in class hierachy?**
A.	Panel
B.	Window
C.	Component
D.	Container
Answer	**optionc**
Marks:	**1**
1476	**Which components are needed to get following shown output**
A.	TextField,Label,Button
B.	Label,TextFied,TextArea,Button
C.	Label,TextField
D.	Button,Label,TextArea,TextArea
Answer	**optionc**
Marks:	**1**
1477	**In how many ways we can define the scrollbar?**
A.	Scrollbar()
B.	Scrollbar(int style)
C.	Scrollbar(int style,int initialvalue,int thumbSize,int min,int max)
D.	All of the above
Answer	**optiond**
Marks:	**1**
1478	**When DialogBox is closed which method gets called**
A.	System.gc
B.	WindowClosing()
C.	dispose()
D.	destroy()
Answer	**optionc**
Marks:	**1**
1479	**In FlowLayout manager the default space between each component is**
A.	7 Pixel

B.	4 Pixel
C.	5 Pixel
D.	6 Pixel
Answer	**optionc**
Marks:	**1**
1480	**Which is the interface of MouseEvent class ?**
A.	MouseListener
B.	MouseMotionListener
C.	MouseAdapter
D.	MouseClass
Answer	**optiona**
Marks:	**1**
1481	**How many bytes are required to represent an IPv4 address?**
A.	8
B.	16
C.	4
D.	64
Answer	**optionc**
Marks:	**1**
1482	**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.**
A.	1,2 are correct
B.	1,3 are correct
C.	1,3,4 are correct
D.	1,2,4 are correct
Answer	**optionc**
Marks:	**1**
1483	**To place any component in AWT/Swing which method will be used if layout is null**
A.	setSize(int x,int y)
B.	setSize(int x,int y,int height,int width
C.	setBounds(int x,int y,int height,int width)
D.	Component.add(int x,int y,int height,int width)
Answer	**optionc**

Marks:	2

1484	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:
A.	Only A Statement is True
B.	Only B Statement is true
C.	Only C Statement is true
D.	All A , B C are True
Answer	**optiond**
Marks:	2

1485	_____are used to implement reliable, bidirectional, persistent point to point stream based connection.
A.	TCP/IP
B.	MIME
C.	UDP
D.	SMTP
Answer	**optiona**
Marks:	2

1486	What is, in terms of JDBC, a DataSource?
A.	A DataSource is the basic service for managing a set of JDBC drivers
B.	A DataSource is the Java representation of a physical data source
C.	A DataSource is a registry point for JNDI-services
D.	A DataSource is a factory of connections to a physical data source
Answer	**optiond**
Marks:	2

1487	Give proper command to compile & run following program code?
	import java.applet.*;
	 import java.awt.*;
	 /*
	 <applet code="A1" height="300" width="300">
	 </applet>
	 */
	 public class A1 extends Applet
	 {
	  public void paint(Graphics gr)
	  {
	   gr.drawString("Welcome to JAVA ",50,100);
	   setBackground(Color.cyan);
	  }
	 }

A.	C:\javac A1.java C:\appletviewer A1
B.	C:\javac A1.java C:\java A
C.	C:\appletviewer A1.java
D.	C:\javac A1.java C:\appletviewer A1.java

Answer	**optiond**
Marks:	2
1488	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?
A.	The string "Dolly" will be displayed at the centre of the frame
B.	The string "Dolly" will be shown at the Right of the form.
C.	The word "Dolly" will be seen at the top-left of the form.
D.	The string "Dolly" will be shown at the bottom of the form.
Answer	**optionc**
Marks:	2
1489	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?
A.	Color.Blue
B.	Color.Green.
C.	Color.Yellow.
D.	Color.White.
Answer	**optionc**
Marks:	2

1490	Consider the following code.
	
	PreparedStatement stmt=con.prepareStatement("select * from emp");
	ResultSet rs=stmt.executeQuery();
	while(rs.next()){
	System.out.println(rs.getInt(1)+" "+rs.getString(2));
	}
	 This is an example of prepared statement interface that will _____?

A.	deletes the record
B.	retrieve the record
C.	updates the record
D.	inserts the record
Answer	**optionb**
Marks:	2
1491	What is the result of following code, given there already exists a header by name "TestHeader". response.addHeader("TestHeader","TEST VALUE");
A.	The "TEST VALUE" will be replaced by headers old value.
B.	The "TEST VALUE" will be appended to the old value of the header.
C.	Exception.
D.	None of the above.
Answer	**optiona**

Marks:	2

1492	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]?

A.	foo
B.	bar
C.	An exception is thrown at runtime
D.	Compilation fails
Answer	**optiond**

Marks:	2

1493	<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?
A.	doHead()
B.	doGet()
C.	doPost()
D.	Get
Answer	**optionb**

Marks:	2

1494	At the top of the AWT hierarchy is the_____ class.
A.	Component
B.	Container
C.	Frame
D.	Applet
Answer	**optiona**

Marks:	1

1495	Scrollbar( ) creates a _____ scroll bar by default.
A.	Horizontal
B.	Vertical
C.	Both a & b
D.	None of these
Answer	**optionb**

Marks:	1

1496	Deafult layout manager for Frame is _____.

A.	FrameLayout
B.	FlowLayout
C.	BorderLayout
D.	CardLayout
Answer	**optionc**
Marks:	**1**
1497	**Which of these methods cannot be called on TextArea?**
A.	void append(String str)
B.	void insert(String str, int index)
C.	String getItem(int index)
D.	void replaceRange(String str, int startIndex, int endIndex)
Answer	**optionc**
Marks:	**1**
1498	**Which of the following is not true about Dialog Boxes?**
A.	Dialog boxes are primarily used to obtain user input.
B.	Dialog boxes are often child windows of a top-level window.
C.	Dialog boxes contains menu bars.
D.	Dialog boxes may be model or modeless.
Answer	**optionc**
Marks:	**1**
1499	**Which of these is a not a factory method of InetAddress class?**
A.	static InetAddress getLocalHost( )
B.	static InetAddress getByName(String hostName)
C.	static InetAddress getAllName(String hostName)
D.	static InetAddress[ ] getAllByName(String hostName)
Answer	**optionc**
Marks:	**1**
1500	**URL class has several constructors; each can throw a _____.**
A.	MalformedException
B.	URLException
C.	URLMalformedException
D.	MalformedURLException
Answer	**optiond**
Marks:	**1**

1501	Which of the following is not a constructor of DatagramSocket
A.	DatagramSocket( )
B.	DatagramSocket(int port)
C.	DatagramSocket(InetAddress address)
D.	DatagramSocket(int port, InetAddress ipAddress)
Answer	**optionc**
Marks:	**1**
1502	In JDBC _____imports all java classes concerned with database connectivity.
A.	javax.sql.*
B.	java.mysql.*
C.	java.sql.*
D.	com.*
Answer	**optionc**
Marks:	**1**
1503	The HttpServlet class support _____.
A.	doGet()
B.	doPost()
C.	doPut()
D.	All of the mentioned
Answer	**optiond**
Marks:	**1**
1504	A toggle button looks just like a push button, but it acts differently because _____..
A.	it has three states: clicked, pushed and released
B.	it has two states: pushed and released
C.	it has two states: enabled and disabled
D.	None of these
Answer	**optionc**
Marks:	**2**
1505	Which of these classes can be added to any Container class, using the add method defined in Container class ?
A.	Button
B.	CheckBoxMenuItem
C.	Menu
D.	MenuBar
Answer	**optiona**

Marks:	**2**
1506	**What components will be needed to get following output?**
A.	Jtable, JScrollBar
B.	JTree, JScrollBar
C.	Jtable, JScrollPane
D.	JTree, JScrollPane
Answer	**optionc**
Marks:	**2**
1507	**Select the proper method to retrieve the host name & IP address of remote machine having domain name as "www.msbte.com"**
A.	static InetAddress getLocalHost( )throws UnknownHostException
B.	static InetAddress getByName(String hostName)throws UnknownHostException
C.	static InetAddress getAllByName(String hostname) throws UnknownHostException
D.	string getHostAddress()
Answer	**optionb**
Marks:	**2**
1508	**getConnection() method of DriverManager returns _____**
A.	Driver Object
B.	ResultSet object
C.	Connection Object
D.	DataSet Object
Answer	**optionc**
Marks:	**2**
1509	**getResultSet() method belongs to _____.**
A.	Statement interface
B.	Connection interface
C.	ResultSet interface
D.	DriverManager interface
Answer	**optionc**
Marks:	**2**
1510	**Identfy the following is/are true for JSP technology ?** **I. It is persistent.** **II. Platform independent.** **III. Browser executes the code.**
A.	Only (I)
B.	Only (II)
C.	Both (I) & (II)

D.	Only (III)
Answer	**optionc**
Marks:	**2**
1511	**Identify the correct sequence in Lifecycle of JSP**
A.	Compile, Initialize, Execute, Destroy
B.	Initialize, Compile, Execute, Destroy
C.	Invoke, Initialize, Execute, Destroy
D.	Initialize, Invoke, Execute, Destroy
Answer	**optiona**
Marks:	**2**

1512	**Observe the following code**
	``
	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() {
	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?

A.	The output is obtained in Applet with BorderLayout placing button on east,west,north,south.
B.	The output is obtained in Applet with BorderLayout placing button on east,west,north,south and TextArea at center
C.	The output is obtained in Applet with BorderLayout placing button on east,west,north,south and TextField at center
D.	The output is obtained in Applet with two layouts: Border layout and Flow Layout.
Answer	**optionb**
Marks:	**2**

1513	**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();
	}
	}
	}
	``

A.	Missing semicolon
B.	Missing {
C.	Missing }
D.	Missing statement.
Answer	**optiona**
Marks:	**2**

1514	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();`
	`        }`
	`    }`
	`}`

A.	replace executeUpdate with executeQuery
B.	replace executeUpdate with execute
C.	Replace ResultSet with PreparedStatement
D.	Replace ResultSet with Statement
Answer	**optiona**
Marks:	**2**

1515	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();`
	`}`
	`}`

A.	extends GenericServlet
B.	import java.io.*;
C.	throws ServletException, IOException
D.	All mentioned above
Answer	**optiond**

Marks:	**2**

1516	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();
	}
	}

A.	while(e.hasMoreElements())
B.	String pvalue = request.getParameter(pname);
C.	String pname = (String)e.nextElement();
D.	String e[]=request.getParameterNames();
Answer	**optiond**
Marks:	**2**
1517	**Which of the following is not active control**
A.	Button
B.	choice
C.	labels
D.	radio button
Answer	**optionc**
Marks:	**1**
1518	**The syntax for drawRect() method is**
A.	drawRect(int top, int left, int width, int height)
B.	Draw Rect(int top, int left, int width, int height)
C.	drawRect(int top, int bottom, int height, int width)
D.	none of these
Answer	**optiona**
Marks:	**1**
1519	**TCP protocol is connectionless protocol**
A.	TRUE
B.	FALSE
C.	
D.	
Answer	**optionb**

Marks:	1
1520	**Pretty Good Privacy (PGP) is used in security of**
A.	browser
B.	Email
C.	FTP
D.	website
Answer	**optionb**
Marks:	1
1521	**Which control is a combination of text field and dropdown list?**
A.	list
B.	separator
C.	combo boxes
D.	text area
Answer	**optionc**
Marks:	2
1522	**_____is a platform dependant.**
A.	AWT
B.	swing
C.	both AWT and swings
D.	not AWT and nor swings
Answer	**optiona**
Marks:	2
1523	**When ContainerEvent is generated, following action is done-**
A.	Component is added or removed
B.	Size of component is changed
C.	both I and ii
D.	none of the above
Answer	**optiona**
Marks:	2
1524	**port number of Telnet is_____**
A.	21
B.	23
C.	25
D.	79

Answer	**optionb**
Marks:	**2**
1525	**When UnknownHostException is thrown, that indicates**
A.	The IP address of a host could not be determined
B.	The port of a host could not found
C.	The packet is not received
D.	all of the above
Answer	**optiona**
Marks:	**2**
1526	**Select the proper class for creating servers that listen for either local or remote client programs**
A.	HttpServer
B.	MimeHeader
C.	HttpResponse
D.	ServerSocket
Answer	**optiond**
Marks:	**2**
1527	**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();** **}** **}**
A.	Error in main()
B.	Error in loop
C.	Error in connection statement
D.	Error in close()
Answer	**optiona**
Marks:	**2**
1528	**In applet, which of the following tag is used for accepting user defined parameter?**
A.	Body
B.	center
C.	Applet

D.	Param
Answer	**optiond**
Marks:	**1**
1529	**Text field usually called as**
A.	change control
B.	correct control
C.	edit control
D.	modify control
Answer	**optionc**
Marks:	**1**
1530	**Which method is defined when action event is occurs?**
A.	actionReleased()
B.	actionPerformed()
C.	actionmove()
D.	actionListner
Answer	**optionb**
Marks:	**1**
1531	**When key is pressed which event is occurred**
A.	KeyPressed
B.	KeyReleased
C.	Both A and B
D.	None of the above
Answer	**optiona**
Marks:	**1**
1532	**Which class is used to implement datagrams with UDP protocol.**
A.	DatagramPocket
B.	DatagramSocket
C.	Datagram Server & Client
D.	Both a & b
Answer	**optionb**
Marks:	**1**
1533	**What is the first part of URL address?**
A.	Host name
B.	Port number

C.	File path
D.	Protocol
Answer	**optiond**
Marks:	**1**
1534	**Which class defines following methods.** **1. int getContentLength()** **2.long getDate()** **3. long getExpiration()**
A.	URLConnection
B.	Datagram
C.	Clinet
D.	None of these
Answer	**optiona**
Marks:	**1**
1535	**Where does the object of ResultSet maintains a cursor?**
A.	Current column
B.	Starting of column
C.	Current Row
D.	First Row
Answer	**optiond**
Marks:	**1**
1536	**Which Label defines the constructor?**
A.	Label()
B.	Label(String str)
C.	Label(String str, int how)
D.	all of above
Answer	**optiond**
Marks:	**2**
1537	**Constructor of ItemEvent is**
A.	itemevent(itemselectable src,int type,object entry,int state)
B.	Itemevent(itemselectable src,int type,object entry,int state)
C.	ItemEvent(ItemSelectable src,int type,Object entry,int state)
D.	itemEvent(itemselectable src,int type,object entry,int state)
Answer	**optionc**
Marks:	**1**
1538	**Set XXX() method binds values to the parameters. Where XXX represents**

A.	Data Type
B.	Object
C.	Both a & b
D.	None of above
Answer	**optiona**
Marks:	**2**
1539	**boolean execute() method returns**
A.	Result set object
B.	Boolean values
C.	Multiple results
D.	All of above
Answer	**optionc**
Marks:	**2**
1540	**The setAttributes(), getAttributes(), getAttributesNames() & removeAttributes() are the bindings of _____.**
A.	Session
B.	Cookies
C.	Servelet
D.	JSP
Answer	**optiona**
Marks:	**2**
1541	**To set password as '******' which command should be added in the following code** **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(pswl);** **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); } }** **/* <applet code="textfield.class" width=200 height=200>** **</applet>*/**
A.	psw.setPwdChar('*');
B.	psw.setChar('*');
C.	psw.setEchoChar('*');
D.	psw.putChar('*');

Answer	**optionc**
Marks:	**2**
| 1542 | ```
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>*/
``` |
A.	
B.	
C.	
D.	
Answer	**optionc**
Marks:	**2**
1543	What is the correct code to create Button with caption Ok?
| A. | ```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
public class ok extends Applet implements ActionListener
{
Button b;
b=new Button("OK");
putLayout(new GridLayout(4,2));
add(b);
b.addActionListener(this);
}


/*<applet code="ok" height=200 width=300>
</
``` |
| B. | ```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
public class ok extends Applet implements ActionListener
{
``` |

```
Button b;
b=new Button("OK");
getLayout(new GridLayout(4,2));
add(b);
b.addActionListener(this);
}




/*<applet code="ok" height=200 width=300>
</
```

| C. | ```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
public class ok extends Applet implements ActionListener
{
Button b;
b=new Button("OK");
setLayout(new GridLayout(4,2));
add(b);
b.addActionListener(this);
}




/*<applet code="ok" height=200 width=300>
</
``` |
|---|---|
D.	None of above
Answer	**optiond**
Marks:	**2**
1544	**What is correct code to get ip address of host machine ?**
| A. | ```
import java.net.*;
class InetAddressTest
{
public static void main(String args[]) throws
UnknownHostException {
InetAddress Address = InetAddress.getLocalHost();
System.out.println(Address);
}
}
``` |
| B. | ```
import java.net.*;
class InetAddressTest
{
public static void main(String args[]) throws
UnknownHostException {
Address = InetAddress.getByName("starwave.com");
System.out.println(Address);
InetAddress SW[] = InetAddress.getAllByName("www.nba.com");
for (int i=0; i<SW.length; i++)
System.out.println(SW[i]);
}
}
``` |
| C. | ```
import java.net.*;
class InetAddressTest
{
public static void main(String args[]) throws
UnknownHostException {
InetAddress Address = InetAddress.getLocalHost();
System.out.println(Address);
InetAddress SW[] = InetAddress.getAllByName("www.nba.com");
for (int i=0; i<SW.length; i++)
System.out.println(SW[i]);
}
}
``` |
| D. | ```
import java.net.*;
class InetAddressTest
{
public static void main(String args[]) throws
UnknownHostException {
InetAddress Address = InetAddress.getLocalHost();
System.out.println(Address);
Address = InetAddress.getByName("starwave.com");
System.out.println(Address);
}
}
``` |
| Answer | **optiona** |

Marks:	**2**

1545	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.("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();`
	`}`
	`}`

A.	Write executeQuery
B.	Write updateQuery
C.	Write Booleanexecute
D.	None of above
Answer	**optiona**
Marks:	**2**

1546	`import java.sql.*;`
	`import java.io.*;`
	`import java.sql.Satement;`
	`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 occured");`
	`}`
	`catch(Exception e) {`
	`System.out.println("Error connection not established");`
	`}`
	`}`

A.	Selected record is deleted
B.	Selected table is deleted
C.	Selected column is deleted
D.	Both a & c
Answer	**optiona**
Marks:	**2**

1547	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.("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();
}
}
```

A.	Statement object not declated
B.	Statement not closed
C.	Connection object not declated
D.	Connection c not closed
Answer	**optiond**
Marks:	**2**

| 1548 | ```
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.printl("session Id is:"+id);
}
}
``` |
|---|---|
A.	response.getSession()
B.	response.putSession()
C.	request.putSession()
D.	request.getSession()
Answer	**optiond**
Marks:	**2**

1549	**TextField class is used for_____**
A.	Multi-Line text-entry area
B.	Single-Line text-entry area
C.	both A and B
D.	none of these
Answer	**optionb**
Marks:	**1**

1550	**constructors of Jseparator are**
A.	Jseparator()
B.	Jseparator(int)
C.	both i and ii
D.	none of these

Answer	**optionc**
Marks:	1
1551	Inet Address class encapsulates_____
A.	IP Address
B.	domain name
C.	Both A and B
D.	None of these
Answer	**optionc**
Marks:	1
1552	_____is networking protocol for hypermedia, collaborative & distributed information system.
A.	TCP
B.	UDP
C.	HTTP
D.	FTP
Answer	**optionc**
Marks:	1
1553	Which method is used to translate a mouse click on a specific point of the tree to a tree?
A.	addTreeExpansionListener()
B.	getPath()
C.	getPathForLocation()
D.	getLocation()
Answer	**optionc**
Marks:	2
1554	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.
A.	a and b
B.	b and c
C.	All of the above
D.	none of these
Answer	**optiona**
Marks:	2
1555	Advantage of Servlet over CGI is_____
A.	servelet is platform dependent
B.	Performance of servlets is significantly better.

C.	both i and ii
D.	none of these
Answer	**optionb**
Marks:	**2**
1556	**Choose the correct sequence for the following output**
| A. | ```
import java.awt.*;
import java.applet.*;
/*
<applet code="LabelDemo" width=300 height=200>
</applet>
*/
public class LabelDemo extends Applet {
public void init() {
Label one = new Label("One");
Label two = new Label("Two");
Label three = new Label
``` |
| B. | ```
import java.awt.*;
import java.applet.*;
/*
<applet code="LabelDemo" width=300 height=200>
</applet>
*/
public class LabelDemo extends Applet {
public void init() {
Label one = new Label("One");
Label two = new Label("Two");
Label three = new Label
``` |
| C. | ```
import java.awt.*;
import java.applet.*;
/*
<applet code="LabelDemo" width=300 height=200>
</applet>
*/
public class LabelDemo extends Applet {
public void init() {
add(one);
add(two);
add(three);
Label one = new Label("One");
Label two = new Label("T
``` |
| D. | ```
import java.awt.*;
import java.applet.*;
/*
<applet code="LabelDemo" width=300 height=300></applet>
*/
public class LabelDemo extends Applet {
public void init() {
Label one = new Label("One");
Label two = new Label("Two");
Label three = new Label("Three");
add(one);add(two);add(three);
}
}
``` |
Answer	**optiond**
Marks:	**2**
1557	**Choose missing statements in following code from given options.** **import java.awt.*;** **import java.applet.*;** **/*** **<applet code="Ellipses" width=300 height=200>** **</applet>** ***/** **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);** **}** **}**
A.	public void paint(Graphics g)

B.	`public void paint()`
C.	`public int paint(Graphics g)`
D.	none of these
Answer	**optiona**
Marks:	**2**
1558	**Following program is the example of** **import java.applet.*;** **import java.awt.event.*;** **/*** **<applet code="ClassDemo" width=200 height=100>** **</applet>** ***/** **public class ClassDemo extends Applet {public void init()** **{** **addMouseListener(new MyMouseAdapter());** **}** **class MyMouseAdapter extends MouseAdapter** **{** **public void mousePressed(MouseEvent me)** **{** **showStatus("Mouse Pressed");** **}** **}** **}**
A.	Adapter class
B.	Inner class
C.	interface
D.	none of the above
Answer	**optionb**
Marks:	**2**

1559	**In following Java program fill statement showing ***.Select any one option from given options**
	  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();
	   }
	   }

A.	ComponentListener
B.	FocusListener
C.	KeyListener

D.	ActionListener
Answer	**optiond**
Marks:	**2**
1560	**Which protocol will be used/printed in the following example** **import java.net.*;** **public class URLDemo {** **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());** **}** **}**
A.	FTP
B.	SMTP
C.	TFTP
D.	HTTP
Answer	**optiond**
Marks:	**2**
1561	**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)** **{** **}** **}** **}**
A.	undefined symbol url
B.	error in catch{}
C.	no error
D.	import statement error
Answer	**optiona**
Marks:	**2**
1562	**In following Java code fill statement showing ***.Select any one option from given options** **import java.io.*;** **public static void main(String args[])** **{** ** class.forName("sun.jdbc.odbcOdbcDriver");** ** 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();** **}**
A.	insert student values(11,'ramesh')

B.	`insert into student values(11,'ramesh')`
C.	`insert student values(11,'ramesh')`
D.	`insert into student (11,'ramesh')`
Answer	**optionb**
Marks:	**2**

1563	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";`
	`   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.PreparedStatement(str1);`
	`   ps.setInt(1,r2);`
	`   ps.setString(2,s2);`
	`   int i2=ps1.executeUpdate();`
	`   System.out.println("data inserted"+i2);`
	`   con.close();`
	`   ps.close();`
	`  }`
	
	` }`
	`}`

A.	`missing package statement`
B.	`missing throws`
C.	`missing catch block`
D.	`none of the above`
Answer	**optionc**
Marks:	**2**

1564	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();`
	`}`
	`}`

A.	`PrintWriter pw;`
B.	`int pw;`
C.	`PageWriter pw;`
D.	`Password pw;`
Answer	**optiona**
Marks:	**2**

1565	Consider the following program
	Select the statement that should be added to the program to get correct output.
	`import javax.servlet.*;`
	`imopr javax.servlet.http.*;`
	`public class AddCookieServlet extends HttpServlet`
	`{`
	  `public void doPost(HttpServletRequest request,HttpServletResponce responce) throwsServletException,IOException`
	 `{`
	  `String data = request.getParameter("data");`
	  `Cookie cookie = new Cookie("MyCookie",data);`
	
	  `responce.setContentType("text/html");`
	  `PrintWriter pw = responce.getWriter();`
	  `pw.println("<B>MyCookie has been set to");`
	  `pw.println(data);`
	  `pw.close();`
	 `}`
	`}`

A.	`responce.cookie(cookie);`
B.	`responce.add(cookie);`
C.	`responce.addCookie(cookie);`
D.	`none of the above`
Answer	**optionc**
Marks:	**2**
1566	Choose missing statements in following code from given options. `import java.io.*;` `import java.until.*;` `import javax.servelet.*;` `import javax.servelet.http.*;` `public class session1 extends HttpServelet` `{` `public void doGet(HttpServletRequest request,HttpServlatResponse response)` `thtowsServletException, IOException` `{` `response.setCounterType("text/html");` `PrintWriter pw = response.getWriter();` `pw.print("<B>");` `Date date=(Date)hs.getAttribute("date");` `if(date!=null)` `{` `pw.print("Last acess:"+date+" ");` `}` `date = new Date();` `hs.setAttribute("date",date);` `pw.println("Current date:"+date);` `}` `}`
A.	`HttpSession hs = request.getsession(true);`
B.	`HttpSession hs ;`
C.	`HttpSession hs = getsession(true);`
D.	`HttpSession hs =response.getsession(true);`
Answer	**optiona**
Marks:	**2**
1567	What methods are used to get and set the text label displayed by a Button object?
A.	`getLabel( ) and setLabel( )`
B.	`getLabel()`
C.	`setLabel()`
D.	`setEditable()`

Answer	**optiona**
Marks:	**1**
1568	**Which of the following are true**
A.	The event inheritance model has replaced the event delegation model.
B.	The event - inheritance model is more efficient than the event - delegation model.
C.	The event - delegation model uses event listeners to define the methods of event - handling classes.
D.	The event - delegation model uses the handleEvent( ) method to support event handling
Answer	**optionb**
Marks:	**1**
1569	**The whole life cycle of a servlet breaks up into 3 phases:**
A.	Initialization, Service , Destroy
B.	Init, get, destroy
C.	init address, getresponce, delete
D.	initialization, service provider, destroy
Answer	**optiona**
Marks:	**1**
1570	**This method is called once just before the servlet is unloaded and taken out of service.**
A.	public void destroy()
B.	public void init()
C.	public void configure()
D.	public void set()
Answer	**optiona**
Marks:	**1**
1571	**Which code will produce the output shown in figure**

A.	f=new Font("Times New Roman",Font.ITALIC,14);
	  setFont(f); //setting the new font
	  setForeground(Color.red);

B.	f=new Font("Times New Roman",Font.BOLDITALIC,14);
	  setFont(f); //setting the new font
	  setForeground(Color.red);

C.	f=new Font("Times New Roman",Font.ITALIC,14);
	  setFont(f); //setting the new font
	  setForeground(Color.white);

D.	`f=new Font("Times New Roman",Font.BOLD,14);`
	`  setFont(f);  //setting the new font`
	`  setForeground(Color.red);`

Answer	**optiona**
Marks:	**2**
1572	**Which AWT control is uesd to produce given output**
A.	`GridLayout, Label, TextField, Button`
B.	`TextArea, Grid Layout and Button`
C.	`BorderLayout, Text Field, Label, Button`
D.	`Label, Button Grid Layout, Menu Manager`
Answer	**optiona**
Marks:	**2**
| **1573** | ```
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();
  }

 }
}
``` |
A.	`client`
B.	`server`
C.	`client and server`
D.	`None of the above`
Answer	**optiona**
Marks:	**2**
1574	**What contains object specific to database,and Used to create Connection object from the options ?**

A.	`Driver Interface / Connect()`
B.	`ResultSet`
C.	`Statement`
D.	`Driver Manager`
Answer	**optiona**
Marks:	**1**
1575	**The given diagram is about:**
A.	`Life Cycle of Servlet`
B.	`Life Cycle of Applet`
C.	`Life Cycle of thread`
D.	`Life cycle of JDBC`
Answer	**optiona**
Marks:	**2**

1576	**The code Code will produce how many buttons:**
	
	``java
	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 < 20; i++) {
	      for(int j = 0; j < 20; j++) {
	        jp.add(new JButton("Button " + b));
	        ++b;
	      }
	    }
	
	    // Add panel to a scroll pane
	    int v = ScrollPaneConstants.VERTICAL_SCROLLBAR_AS_NEEDED;
	    int h = ScrollPaneConstants.HORIZONTAL_SCROLLBAR_AS_NEEDED;
	    JScrollPane jsp = new JScrollPane(jp, v, h);
	
	    // Add scroll pane to the content pane
	    contentPane.add(jsp, BorderLayout.CENTER);
	  }
	}
	``

A.	`400 Buttons`
B.	`200 Buttons`
C.	`40 Buttons`
D.	`100 Buttons`
Answer	**optiona**
Marks:	**2**

1577	**Which statemnet is missing where ******* is marked to produce given output**
	``java
	  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);
          CP.add(l2);CP.add(t2);
          CP.add(b1);CP.add(b2);
         }
       }
```

A.	l2=new JLabel("Password :: ");
B.	l2=new JLabel("User ID :: ");
C.	l2=new JLabel("Enter Password :: ");
D.	l2=new JLabel("User Password :: ");
Answer	**optiona**
Marks:	**2**

1578	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);
	 }
	}
	``

A.	m.setMenuBar(mbar);
B.	MenuBar mbar=new MenuBar();
C.	MenuDemo m=new MenuDemo();
D.	Menu format=new Menu("Format");
Answer	**optionb**
Marks:	**2**

1579	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);
   }
  }
```

| A. | ```
l1=new Label("one");
  l2=new Label("two");
  b1=new Button("OK");
``` |
|---|---|

| B. | ```
l1=new Label("one");
  l2=new Label("two");
  b1=new Button("Enter");
``` |
|---|---|

| C. | ```
l1=new Label("Calculate");
  l2=new Label("Accept");
  b1=new Button("OK");
``` |
|---|---|

| D. | ```
l1=new Label("four");
  l2=new Label("two");
  b1=new Button("OK");
``` |
|---|---|

Answer	**optiona**

Marks:	**2**

| 1580 | ```
The given code produces which event :
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
/*<applet code=Fact height=150 width=200>
</applet>*/
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<=n; i++)
   {
    fact=fact*i;
   }
   t2.setText(Integer.toString(fact));
  }
 repaint();
 }
}
``` |
|---|---|

A.	ActionEvent

B.	MouseEvent

C.	ItemEvent

D.	FocusEvent

Answer	**optiona**

Marks:	**2**

1581	The following program is written for _____

```java
 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();
  }

 }
}
```

A.	TCPIP server

B.	TCPIP client

C.	UDP server

D.	UDP client

Answer	**optiona**

Marks:	**2**

1582	The output of following program is :

```java
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");
 }}}
```

A.	driver loaded connection created student information is BBB 14 Connection is closed
B.	driver loaded connection created student information is CCC 14 Connection is closed
C.	driver loaded connection created student information is BBB 15 Connection is closed
D.	driver loaded connection created student information is BBB 14 Connection is Opened
Answer	**optionc**
Marks:	**2**

1583	**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();
	  }
	
	  }

A.	PrintWriter pw = response.getWriter();
B.	PrintWriter pw = response.getWritten();
C.	PrintWriter pw = res.getWriter();
D.	PrintWriter pw = response.getPrintWriter();

Answer	**optiona**
Marks:	**2**

1584	The follwing program prints: _____
	
	`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());`
	  `}`
	`}`

A.	Date
B.	Time
C.	Date and time
D.	none of the above
Answer	**optiona**
Marks:	**2**
1585	An object of Which is created by the web container at time of deploying the project?
A.	ServletConfig
B.	ServletContext
C.	Both A & B
D.	None of the above
Answer	**optionb**
Marks:	**2**
1586	In the following JDBC drivers which is known as partially java driver?
A.	JDBC-ODBC bridge driver
B.	Native-API driver
C.	Network Protocol driver
D.	Thin driver
Answer	**optionb**
Marks:	**2**
1587	The authentication mechanism in the servlet specification uses a technique called?
A.	Role Based Authentication
B.	Form Based Authentication
C.	Both A & B
D.	None of the above
Answer	**optiona**

Marks:	2
1588	Which is the Microsoft solution for providing dynamic Web content?
A.	ASP
B.	JSP
C.	Both A & B
D.	None of the above
Answer	**optiona**
Marks:	2
1589	Which of the following method is used to change the Label caption?
A.	setLabel()
B.	settext(String s,Icon i)
C.	setLabel(String s)
D.	setText(String s)
Answer	**optiond**
Marks:	1
1590	Which of the following method is use to add a button "b" to the south of the applet using BorderLayout?
A.	add(b,"SOUTH");
B.	b.add(BorderLayout.South);
C.	add(b,BorderLayout.SOUTH);
D.	b.add("South");
Answer	**optionc**
Marks:	1
1591	Which class is used for this Processing Method processActionEvent( )?
A.	Button,List,MenuItem
B.	Button,Checkbox,Choice
C.	Scrollbar,Component,Button
D.	None of the above
Answer	**optiona**
Marks:	1
1592	In which places can we insert the event handling code
A.	Same class
B.	Other class
C.	Anonymous class
D.	All mentioned above

Answer	**optiond**
Marks:	1
1593	Which of the following method is used to register a listener to a button ?
A.	registerListener()
B.	addActionListener()
C.	addActionlistener(this)
D.	addActionListener(ActionListener obj)
Answer	**optiond**
Marks:	1
1594	In InetAddress class which method returns the host name of the IP Address?
A.	public String getHostName()
B.	public String getHostAddress()
C.	public static InetAddress getLocalHost()
D.	None of the above
Answer	**optiona**
Marks:	1
1595	Which method of class is used to register & dynamically load the driver class?
A.	forName()
B.	getConnection()
C.	createStatement()
D.	executeQuery()
Answer	**optiona**
Marks:	1
1596	Which of these is not a method of GenericServlet?
A.	init
B.	service
C.	doGet
D.	destroy
Answer	**optionc**
Marks:	1
1597	getCookies is method of which of the following ?
A.	ServletContext
B.	HttpServletResponse
C.	HttpServletRequest

D.	Servlet
Answer	**optionc**
Marks:	**1**
1598	When we create a Dialog box using the Constructor Dialog (Frame f,true) the dialog box is of which type ?
A.	Modal
B.	Modeless
C.	Filedailog
D.	None of the above.
Answer	**optiona**
Marks:	**2**
1599	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
A.	i and ii both are true
B.	i is true and ii is false
C.	i is false and ii is true
D.	i and ii both are false
Answer	**optiona**
Marks:	**2**
1600	Which swing control is used for following output?
A.	JButton,JscrollPane
B.	JTable,JButton
C.	JTree,JButton
D.	JTabbedPane,JButton
Answer	**optiona**
Marks:	**2**
1601	Which method is used to obtain the Port no of client in Client Program
A.	get()
B.	getPort()
C.	getLocalPort()
D.	getPortNo()
Answer	**optionc**
Marks:	**2**
1602	When using HTML forms which of the folowing is true for POST method
A.	POST allows users to bookmark URLs with parameters
B.	The POST method should not be used

		when large amount of data needs to be transferred
C.		POST should be used when form submission doesnot cause changes
D.		POST method sends data in the body of the request
Answer		**optiond**
Marks:		**2**

1603	**Find the error in the following code.**
	
	``java
	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);
	
	        }
	
	}
	``

A.	The radiobuttons should be added to ButtonGroup object.
B.	package is missing
C.	A and B
D.	the class used for creating radiobuttons should not be JRadioButton
Answer	**optionc**
Marks:	**2**

1604	**find the ouptut of the following :**
	
	``java
	import javax.swing.*;
	class Demo extends JApplet
	{
	        public void init()
	        {
	        JTabbedPane jt=new JTabbedPane();
	        jt.addTab("Tab 1",new JButton());
	        getContentPane().add(jt);
	        }
	}
	``

A.	S1Q4301
B.	S1Q4302
C.	S1Q4303
D.	S1Q4304
Answer	**optiona**
Marks:	**2**

1605	**Find the missing statement in the following code**
	
	``java
	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);
        }
}
``` |
A.	It should extend Applet instead of Frame
B.	add(mb);
C.	addMenuBar(mb);
D.	setMenuBar(mb);
Answer	**optiond**
Marks:	**2**
1606	**Which is the correct code for the following output**
| A. | ```
import java.awt.*;
import java.applet.*;
public class LayDemo extends Applet
{    public void init()
  {        Button b1=new Button ("OK");
       Button b2=new Button("Cancel");
     FlowLayout f=new FlowLayout(200,200);
      setLayout(f);
      add(b1);
``` |
| B. | ```
import java.awt.*;
import java.applet.*;
public class LayDemo extends Applet
{    public void init()
  {        Button b1=new Button ("OK");
       Button b2=new Button("Cancel");
       FlowLayout f=new FlowLayout(FlowLayout.RIGHT);
       setLayout(f);
     add(b1);
      add(b2);
  }
}
``` |
| C. | ```
import java.awt.*;
import java.applet.*;
public class LayDemo extends Applet
{    public void init()
    {        Button b1=new Button ("OK");
   Button b2=new Button("Cancel");
    setLayout(new FlowLayout());
      add(b1);
      add(b2);
  }
}
``` |
| D. | ```
public class LayDemo extends Applet
{    public void init()
    {        Button b1=new Button ("OK");
     Button b2=new Button("Cancel");
     BorderLayout b=new BorderLayout();
     setLayout(b);
        add(b1,"East");
add(b2,"East");
  }}
``` |
Answer	**optionb**
Marks:	**2**
1607	**Which will be the correct code for the following output**
| A. | ```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class EventDemo extends Applet
{    public void init()
    {
``` |

	addMouseListener(new MouseAdapter()
	  {
	    public void mouseClicked(MouseEvent me)
	      {

| B. | ```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class EventDemo extends Applet
{    public void init()
{            addMouseListener(this);
}
public void mouseClicked(MouseEvent me)
{            showStatus("Mouse clicked");
}
}
``` |
|---|---|

| C. | ```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
public class EventDemo extends Applet implements MouseListener
{    public void init()
{
addMouseListener(new MouseAdapter()
{
public void mouseClicked(MouseEvent me)
{
``` |
|---|---|

| D. | ```
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("
``` |
|---|---|

Answer	**optiond**

Marks:	**2**

1608	**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");** **}** **}**

A.	ItemListener ,addItemListener(this), itemSelected(ItemEvent ie)

B.	ItemListener ,addItemListener(this), itemStateChanged(ItemEvent ie)

C.	ActionListener ,addActionListener(this),actionEvent(ActionEvent ae)

D.	ActionListener, addActionListener(this), actionPerformed(ActionEvent ae)

Answer	**optiond**

Marks:	**2**

1609	**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 Button();`
	`        add(b);`
	`        b.addActionListener();`
	`    }`
	`    public void actionEvent(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)

A.	1& 2 is true
B.	1 & 3 is true
C.	2 and 4 is true
D.	all are true
Answer	**optionc**
Marks:	**2**

1610	**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 _____`
	`        {`
	`        }`
	`}`

A.	ItemListener ,addItemListener,addItemListener, itemSelected(ItemEvent e)
B.	ItemListener ,addItemListener,addItemListener, itemStateChanged(ItemEvent ie)
C.	ActionListener ,addActionListener,addActionListener,actionEvent(ActionEvent ae)
D.	ActionListener, addActionListener, addActionListener,actionPerformed(ActionEvent ae)
Answer	**optionc**
Marks:	**2**

1611	**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 Button("Click");
        b.addMouseListener(new MouseAdapter()
                        {
                        public void mouseClicked(MouseEvent me)
                        {
                                showStatus("Button clicked");
                        }
                });
        add(b);
    }
}
```

A.	We cannot use mouseClicked method for button
B.	The program will display "Button clicked " message in status bar on clicking the button with mouse.
C.	All methods of the MouseListener should be implemented.
D.	No Listener implemented.
Answer	**optionb**
Marks:	**2**

1612	find the missing statement
	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();
	}
	}

A.	s.setString(3,args[2]);
B.	s.executeQuery();
C.	s.executeUpdate();
D.	s.executeUpdate(query);
Answer	**optiond**
Marks:	**2**

1613	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.executeUpdate();
	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();
	}
	}

A.	error in c.createStatement()
B.	error in while condition
C.	error in call to executeUpdate() method.
D.	Both A and C

Answer	**optiond**
Marks:	**2**

1614	**Find the missing statement**
	
	`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 \t"+rs.getDouble(3));`
	`}`
	
	`s.close();`
	
	`c.close();`
	`}`
	`}`

A.	`ResultSet rs=s.executeQuery("select *from StudTable");`
B.	`ResultSet rs=s.executeUpdate("select * from StudTable");`
C.	`ResultSet rs=new ResultSet(select * from StudTable");`
D.	`s.executeUpdate(select * from StudTable");`
Answer	**optiona**
Marks:	**2**

1615	**Find the error in the following program**
	`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();`
	`}`
	`}`

A.	Error in registering the driver
B.	error in call to execute method i.e.s.executeQuery()
C.	cannot execute create table command through JDBC
D.	error in createStatement method
Answer	**optionb**
Marks:	**2**
1616	**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**
A.	1,2,3 are true

B.	2,3 are true
C.	1,3 are true
D.	only 1 is true
Answer	**optionb**
Marks:	**2**
1617	**What are the true sentences about Session-Id?**
A.	Session Ids are usually stored in the cookies, URLS and hidden form fields ofWeb pages
B.	A session Id is an unique identification
C.	It is transmitted between client and server
D.	All of these.
Answer	**optiond**
Marks:	**2**
1618	**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)** **throwsServletException, IOException** **{** **String data = request.getParameter("data");** **Cookie cookie = -----------------------------** **response.addCookie(cookie);** **response.setContentType("-----------------l");** **PrintWriter pw = response.getWriter();** **pw.println("<B>MyCookie has been set to");** **pw.println(data);** **pw.close();** **}** **}**
A.	new Cookie("MyCookie", data); text/html
B.	new Cookie("MyCookie", data1); application/java
C.	new Cookie("MyCookie", data2); html/text
D.	new Cookie("MyCookie", database); text/bmp
Answer	**optiona**
Marks:	**2**

1619	Which of these class is necessary to implement datagrams?
A.	DatagramPacket
B.	DatagramSocket
C.	Both of these
D.	None of these
Answer	**optionc**
Marks:	**1**
1620	DriverManager.getConnection(_____ , _____ , _____) What are the two parameters that are included ?
A.	URL or machine name where server runs, Password, User ID
B.	URL or machine name where server runs, User ID, Password
C.	User ID, Password, URL or machine name where server runs
D.	Password, URL or machine name where server runs, User ID
Answer	**optionb**
Marks:	**1**

1621	Select the missing statement in the program
	import java.awt.*;
	import java.awt.event.*;
	
	public class combodemo extends JApplet
	implementsItemListener
	 {
	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"));
	}
	}

A.	}
B.	import javax.swing.*;
C.	Class declaration
D.	JLabel(new ImageIcon("star.gif"));
Answer	**optionb**
Marks:	**2**
1622	Which method is used to know the full URL of an URL object?
A.	fullHostURL()
B.	getHostURL()

C.	ExternalForm()
D.	toExternalForm()
Answer	**optiond**
Marks:	**1**
1623	**_____ calls get converted into native C or C++ API calls.**
A.	API
B.	JDBC
C.	JDBC Native API
D.	none
Answer	**optionc**
Marks:	**1**
1624	**_____ interface allows storing results of query?**
A.	Statements
B.	connection
C.	ResultSet
D.	none
Answer	**optionc**
Marks:	**1**
1625	**Which abstract class is the super class of all menu related classes?**
A.	MenuComponent
B.	menuBar
C.	MenuItem
D.	CheckboxMenuItem
Answer	**optiona**
Marks:	**2**
1626	**Which method of Applet executes only once?**
A.	start()
B.	init()
C.	stop()
D.	destroy()
Answer	**optionb**
Marks:	**2**
1627	**If we close an applet window _____ events will be generated**
A.	ActionEvent

B.	ComponentEvent
C.	AdjustmentEvent
D.	WindowEvent
Answer	**optiond**
Marks:	**2**

1628	**WHAT WILL BE THE OUTPUT OF THE BELOW PROGRAM:**
	
	``java
	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");
	}
	}
	}
	``

A.	Driver Loaded
B.	connection to database created
C.	BOTH Option i and Option ii
D.	None of the above
Answer	**optionc**
Marks:	**2**

1629	**Which ONE of the following is missing statement in the program below?**
	
	``java
	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");
	}
	}
	}
	``

A.	state.results()
B.	results.next()
C.	next.results()
D.	results()
Answer	**optionb**
Marks:	**2**

1630	Which statement should be added to get the desired result?
	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()
	    }
	}

A.	pw.println(f1 + " " l1);
B.	println(f1 + " " + l1);
C.	pw.println(f1 + " " + l1);
D.	No Correction Needed
Answer	**optionc**
Marks:	**2**

1631	The method setLabel can be used with what type of Object ?
A.	DoubleField.
B.	int.
C.	TextField.
D.	String
Answer	**optionc**
Marks:	**1**

1632	the method _____ places a menu mu into a menu bar mb.
A.	mb.addMenuItem(mu)
B.	mb.addItem(mu)
C.	mb.add(mu)
D.	None of the above
Answer	**optionc**
Marks:	**1**

1633	Which method does display the message whenever there is an item selection or deselection of the CheckboxMenuItem menu?

A.	itemChanged method.
B.	itemState mehod.
C.	itemStateChanged method.
D.	StateChanged method.
Answer	**optionc**
Marks:	**1**
1634	**Which of the following is not a server-side technology ?**
A.	Sevelets.
B.	Java Server Pages.
C.	DHTML
D.	CGI
Answer	**optionc**
Marks:	**1**
1635	**Which method returns names of the request parameters as Enumeration of String objects**
A.	getParameter
B.	getParameterNames
C.	getParameterValues
D.	getParameterVal
Answer	**optionb**
Marks:	**1**
1636	**The URL connection classes are good enough for simple programs that want to connect to _____ server to fetch content.**
A.	FTP
B.	SMTP
C.	HTTP
D.	UDP
Answer	**optionc**
Marks:	**2**
1637	**Which datagram method returns the byte array of data contained in the datagram?**
A.	InetAddressgetAddress()
B.	int getPort()
C.	byte[] getData ()
D.	byte[] getAddress()
Answer	**optionc**
Marks:	**2**

1638	Which class has traditionally been the backbone of the JDBC architecure ?
A.	A.the JDBC DriverManager
B.	B. the JDBC driver test suite
C.	C. the JDBC-ODBC bridge
D.	D. All mentioned above
Answer	optiona
Marks:	2
1639	Which kind of driver converts JDBC calls into calls on the client API for Oracle, Sybase, Informix, IBM DB2, or other DBMS?
A.	JDBC-ODBC bridge plus ODBC driver
B.	Native -API partly-java driver
C.	JDBC-Net pure Java driver
D.	Native - protocol pure Java driver
Answer	optionb
Marks:	2

1640	What is the result of executing the following Java class:
	 import java .awt.*;
	 public class FrameTest extends Frame
	 { public Frame Test()
	 { add (new Button("First"));
	 add (new Button("Second"));
	 add (new Button ("Third"));
	
	 setVisible(true);
	 }
	 public static void main (String args []
	 { new FrameTest ();}}

A.	Three buttons are displyed across a window.
B.	Two buttons are displyed across a window.
C.	one buttons are displyed across a window.
D.	none of above
Answer	optiona
Marks:	2

1641	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 (
	 newMouseAdapter()
	 {
	 int topX,bottomY;
	 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);
	 }
	
	 });
	 }
	 }

A.	public void Mouse pressed (mouseEvent me)

B.	`public void mouse pressed (mouseEvent me);`

C.	`public void mouse pressed ( MouseEvent me )`

D.	`public void mousePressed (MouseEvent me )`

Answer	**optiond**

Marks:	**2**

1642	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 ?); } }

A.	`Action Listener only`

B.	`Window  Listener only`

C.	`Both A and B`

D.	`None`

Answer	**optionc**

Marks:	**2**

1643	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 = Driv getConnection ("jdbc:mysql://localhost:3306/abc","root","root''); Statement stmt = stmt = con. createStatement(); ResultSet rs = _____ while (rs.next()) System.out printIn(rs.getInt(1)+ " " + rs. getString (2) + "" + rs. getString(3)); con.close(); } catch (E { System.out.println(e);} }}

A.	`sun.jdbc.odbc.JdbcOdbcDriver`

B.	`select * from emp`

C.	`Stmt.executeQuery("select* from emp");`

D.	`st.execute ("select * from emp");`

Answer	**optionc**

Marks:	**2**

1644	Correct the following code.
	
	  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 (cookie);
	 pw. print In ("\<b\> Information collected by cookie. \</b\> \<br\>");
	 pw. print In ("\<b\> value of cookie : \<b\>"+cookie.get Value () +" \<br\>");
	  pw. print In ("\<b\> name of cookie : \<b\>"+cookie.get name () +" \<br\>");
	    pw. print In ("\<b\> path of cookie : \<b\>"+cookie.get path () +" \<br\>");
	  pw. print In ("\<b\> Domain of cookie : \<b\>"+cookie.get Domain () +" \<br\>");
	  pw. print In ("\<b\> Description of cookie : \<b\>"+cookie.get comment () +" \<br\>");
	   pw. print In ("\<b\> version of cookie : \<b\>"+cookie.get Versions () +" \<br\>");

```
pw. print In ("<b>  MaxAgeof cookie : <b>"+cookie.get MaxAge () +" <br>");
pw. print In ("<b>  my cookie : <b>" has been set to ");
pw. print In (data ) ;
pw. close ();
}
}
```

A.	cookie cookie = new Cookie (MyCooke", data) ; req.addCookie (coookie);
B.	cookie cookie = new Cookie ("MyCooke", data) ; req.addCookie (coookie);
C.	cookie cookie = new Cookie ("MyCooke", data) ; res.addCookie (coookie);
D.	Cookie cookie = new Cookie ("MyCooke", data) ; res.addCookie (coookie);
Answer	**optiond**
Marks:	**2**

1645	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,HittpServletResponse res) throuws ServletException, IOException
	  {
	String color = req. get Parameter("color"); // res. get contentType("text"); PrintWriter pw = res. getWirter(); pw. printIn ("<B
	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 () ; } }

A.	HttpSession Session= req.getSession(false);
B.	httpSession Session= getSession(false);
C.	httpSession Session= req.getSession();
D.	all of the above
Answer	**optiona**
Marks:	**2**

1646	**What is the difference between a TextArea and a TextField?**
A.	A textarea can be used for output
B.	A TextArea can handle multiple lines of text
C.	TextArea is not a class
D.	TextArrea are used for displaying graphics
Answer	**optionb**
Marks:	**1**

1647	**Which of these package is used for graphical user interface ?**
A.	java.applet
B.	java.awt
C.	java.awt. Image
D.	java.io
Answer	**optionb**

Marks:	1
1648	A JDBC technology -based driver ("JDBC driver") makes it possible to do ?
A.	Establish a connection with a data source
B.	Send queries and update statements to the data source
C.	Process the results
D.	All mentioned above
Answer	**optiond**
Marks:	1
1649	Where the session data will store ?
A.	Session buffer.
B.	Session Disk
C.	Session memory
D.	Session objects.
Answer	**optiond**
Marks:	1
1650	Which method of the servlet executed first?
A.	service()
B.	destroy()
C.	init()
D.	none of the above
Answer	**optionc**
Marks:	1
1651	Arranges the compents as a deck of cards such that only one component is visible at a time
A.	A . BorderLayout
B.	B.CardLayout
C.	C.GridLayout
D.	D.FlowLayout
Answer	**optionb**
Marks:	2
1652	Which class can be used to create a server socket. This object is used to establish communication with the clients ?
A.	ServerSocket
B.	Socket
C.	Both A & B
D.	None of the above

Answer	**optionc**
Marks:	**2**
1653	**Which methods are commonly used in ServerScocket class ?**
A.	public OutputStreamgetOutputStream()
B.	public Socket accept()
C.	public synchronized void close ()
D.	None of the above
Answer	**optionb**
Marks:	**2**
1654	**Which list gives a quick way to determine which Connection method is appropriate for creating different types of SQL statements?**
A.	A.createStatement
B.	B.prepareStatement
C.	C.prepareCall
D.	D.All of the mentioned above
Answer	**optiond**
Marks:	**2**
1655	**In which the result set generally does not show changes to the underlying database that are made while it is open. The membership, column values of rows are typically fixed when the result set is created?**
A.	TYPE_FORWARD_ONLY
B.	TYPE_SCROLL_INSENSITIVE
C.	TYPE_SCROLL_SENSITIVE
D.	ALL MENTIONED ABOVE
Answer	**optionb**
Marks:	**2**
1656	**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 (ActionEventae)** **{** **if (ae.getSource()==b)** **{** **repaint();** **}** **}**

| | ```
public void paint ( Graphics gr )
{
s=t.getText(0);
gr.drawString ("User Address is : " +s,150,150);
}
}
/*<applet code = Pral width = 400 height = 300 ></applet>*/
``` |
A.	`t= new Textarea ( 5,20);`
B.	`t= new textArea ( 5,20);`
C.	`t= new textarea ( 5,20);`
D.	`t= new TextArea ( 5,20);`
Answer	**optiond**
Marks:	**2**
| 1657 | ```
Which statements is missing in the given code below.
import javax.swing.*;
 public class FirstSwingExample extends JFrame
{
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.seSize(400,500);//400 width and 500 height
 f.setLayout (null);//using no layout manager
}
}
``` |
A.	`f.setVisible(true);`
B.	`f.SetVisible();`
C.	`f.SetLayout(true);`
D.	`SetVisible(true)`
Answer	**optiona**
Marks:	**2**
| 1658 | ```
Which method  is missing  in the code given below  :
import java. Awt. *;
import java.awt.event.*;
class Aevent extends Frame implements ActionListener
{
TextFieldtf; Aevent ()
{
tf=new TextField ();
tf.setBounds(60,50,170,20);
Button b = new Button ("click me " );
 b.setBounds (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();
}
}
``` |
A.	`b.addActionListener()`
B.	` b.add()`
C.	`b.addListener(0`

D.	b.ActionListener ()
Answer	**optiona**
Marks:	**2**
1659	**Which of the following are valid return types, for listener methods ?**
A.	Boolean
B.	the type of event handled
C.	void
D.	component
Answer	**optionc**
Marks:	**2**
1660	**Choose the correct alternative to update employee table**
A.	Statement pstmt = null; try { String SQL = "Update Employees SET age = ? WHERE id = ? "; pstmt = conn. prepareStatement
B.	PreparedStatement pstmt = null; try { String SQL = "Update Employees SET age = ? WHERE id = ? "; pstmt = conn. prepareSt
C.	prepareStatement pstmt = null; try { String SQL = "Update Employees SET age = ? WHERE id = ? "; pstmt = conn. prepareSta
D.	both a and c
Answer	**optionb**
Marks:	**2**
1661	**Which is correct method for adding button component into North region of border layout? Assume b1 as button object .**
A.	b1.add(NORTH)
B.	b1.add(BL,NORTH)
C.	add(b1.NORTH)
D.	add(b1, BorderLayout.NORTH)
Answer	**optiond**
Marks:	**1**
1662	**What are the variables defined in Dimension**
A.	length and width
B.	height and length
C.	height and width
D.	len and wid
Answer	**optionc**
Marks:	**1**
1663	**Which of the following layout managers need to create a Panel?**
A.	FlowLayout
B.	GridLayout

C.	CardLayout
D.	NullLayout
Answer	**optionc**
Marks:	**1**
1664	**ItemListener event defines this method…**
A.	itemEventChanged( )
B.	itemEventOccured()
C.	itemValueChanged()
D.	itemStateChanged()
Answer	**optiond**
Marks:	**1**
1665	**Which of the following creates a List with 3 visible items and multiple mode selection disabled?**
A.	new List(3,false)
B.	new List(3,true)
C.	new List(false,3)
D.	new List(true,3)
Answer	**optiona**
Marks:	**2**
1666	**Which of the following constructor creates a Checkbox?**
A.	Checkbox
B.	Checkbox(int i)
C.	Checkbox(String str, int i)
D.	Checkbox(String str, boolean s, null)
Answer	**optiond**
Marks:	**2**
1667	**Which of the following method adds item "I" to the List with deprecation warnings at the end of List?**
A.	addItem("I")
B.	addItem("I",0)
C.	add("I")
D.	add("I",0)
Answer	**optiona**
Marks:	**2**
1668	**Which of the following event of KeyEvent class is generated when a character is pressed?**
A.	keyPressed

B.	keyReleased
C.	keyTyped
D.	All of above
Answer	**optiond**
Marks:	**2**
1669	**Which of the following handles event in Event Delegation Model?**
A.	Source
B.	Listener
C.	Both a and b
D.	None of the above
Answer	**optionb**
Marks:	**2**
1670	**Which client accesses the Web server by using a GET MESSAGE?**
A.	HTTP
B.	FTP
C.	SMTP
D.	IMTP
Answer	**optiona**
Marks:	**2**
| **1671** | ```
import java.awt.*;
import javax.swing.*;
/*<applet code="L.class" width=200 height=200>
</applet>*/
public class L extends JApplet
{ public void init()
{ ImageIcon i1 = new ImageIcon("Koala.jpeg");
JButton b1=new JButton(i1); getContentPane().add(b1); } }
``` |
A.	Button is created with given image
B.	Button is created without specified image
C.	Blank output
D.	Error
Answer	**optiona**
Marks:	**2**
| **1672** | ```
class Fr
{ public static void main(String ar[])
{ JFrame f = new JFrame();
f.setDefaultCloseOperation(JFrame.DISPOSE_ON_CLOSE);}}
``` |
A.	closes frame
B.	disposes frame
C.	exit frame
D.	do nothing

Answer	**optionb**
Marks:	**2**
| **1673** | ```
Find Errors
import java.sql.*;
class Test{
public static void main(String ar[])throws Exception
{
String url="jdbc:odbc:mydsn";
Connection c=DriverManager.getConnection(url);
}
}
``` |
A.	Drivers are not loaded
B.	Drivers are loaded
C.	Connection is created
D.	Connection is not created
Answer	**optiona**
Marks:	**2**
| **1674** | ```
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("<B>Hello!!");
                pw.close();

        }
}
``` |
A.	Hello message is displayed
B.	No message is printed
C.	Hello message is printed with bold style
D.	Error
Answer	**optionc**
Marks:	**2**
1675	**Which of the following allows substitution of code to occur at the translation time in a JSP page?**
A.	<jsp:include> Tag
B.	<@ include> directive
C.	<@ page > directive
D.	Declaration block
Answer	**optionb**
Marks:	**2**
1676	**Which class defines the setSize( ) method ?**
A.	Frame
B.	Applet

C.	Component
D.	Panel
Answer	**optiona**
Marks:	**1**
1677	**Which class encapsulates a blank window upon which we can draw?**
A.	Applet
B.	Canvas
C.	Window
D.	Panel
Answer	**optionb**
Marks:	**1**
1678	**Which of these methods are used to determine the type of adjustment event?**
A.	getType()
B.	getEventType()
C.	getAdjustmentType()
D.	getEventObjectType()
Answer	**optionc**
Marks:	**1**
1679	**Which of the following constructor of InetAddress is generally used?**
A.	InetAddress()
B.	InetAddress(int port)
C.	InetAddress(URL url)
D.	InetAddress class does not contain any visible constructor.
Answer	**optiond**
Marks:	**1**
1680	**What is the return type of the method getAllByName( ) of InetAddress class?**
A.	InetAddress[ ]
B.	InetAddress
C.	Byte[]
D.	URL[]
Answer	**optiona**
Marks:	**1**
1681	**The number 80 in following URL specifies?** **http://www.rediff.com:80/index.htm/**
A.	Port number

B.	Site number
C.	URL Uniform number
D.	HTML Page number
Answer	**optiona**
Marks:	**1**
1682	**How can you execute DML statements (i.e. insert, delete, update) in the database?**
A.	By making use of the InsertStatement, DeleteStatement or UpdateStatement classes
B.	By invoking the executeUpdate(...) method of a Statement object
C.	By invoking the executeInsert(...), executeDelete(...) or executeUpdate(...) methods of the DataModificationStatement object
D.	By making use of the execute(...) statement of the DataModificationStatement object
Answer	**optionb**
Marks:	**1**
1683	**what should you use to position a button within an application Frame so that the size of Button is NOT affected by frame size?**
A.	FlowLayout
B.	GridLayout
C.	the center area of BorderLayout
D.	the East and West area of BorderLayout
Answer	**optiona**
Marks:	**2**
1684	**Which method specifies that the text and icon are horizontally aligned to the right in the button jbt.**
A.	jbt.setVerticalTextPosition(JButton.LEFT)
B.	jbt.setHorizontalTextPosition(JButton.LEFT)
C.	jbt.setHorizontalTextPosition(JButton.RIGHT)
D.	jbt.setHorizontalAlignment(JButton.RIGHT)
Answer	**optionc**
Marks:	**2**
1685	**To connect to a server running on the same machine with client, which of the following can be used for hostname?**
A.	"localhost"
B.	"127.0.0.1"
C.	InetAddress.getLocalHost()
D.	All of the above
Answer	**optiond**
Marks:	**2**
1686	**import java.awt.*;** **import java.applet.*** **/*<applet code="my.class" width=300 height=300></applet>*/**

| | ```
 public class my extends Applet
{ public void paint(Graphics g)
{ g.drawString("Hello"); } }
``` |
A.	Hello
B.	Compilation Error
C.	Runtime Error
D.	None of the above
Answer	**optionb**
Marks:	**2**
| **1687** | ```
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");
}

 }
``` |
A.	add(l1,b1)
B.	add(l1); add(b1);
C.	add(b1,l1)
D.	None of the above
Answer	**optionb**
Marks:	**2**
| **1688** | ```
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();
}}
``` |
A.	deletes the record having id=33
B.	inserts the record
C.	updates the record
D.	retrieves the record
Answer	**optiona**
Marks:	**2**
| **1689** | ```
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("<H1>Hello!!");
        pw.close();

    }
}
```

A.	Hello message is displayed
B.	No message is printed
C.	Hello message is printed with H1 style
D.	Error
Answer	**optionc**
Marks:	**2**

1690	**Which is a method of the MouseMotionListener Interface?**
A.	public void mouseDragged(MouseEvent)
B.	public void MouseDragged(MouseMotionEvent)
C.	public void mouseDragged(MouseMotionEvent)
D.	publicboolenMouseDragged(MouseMotionEvent)
Answer	**optiona**
Marks:	**1**

1691	**_____ is an interface by which application programs can access and process SQL databases in a DBMS-independent manner.**
A.	ODBC
B.	OLE DB
C.	JPCD
D.	ADO
Answer	**optiona**
Marks:	**1**

1692	**Which of the following are interface?** **1.ServletContext** **2.Servlet** **3.GenericServlet** **4.HttpServlet**
A.	1,2,3,4
B.	1,2
C.	1,3,4
D.	2,4
Answer	**optionb**
Marks:	**1**

1693	**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");

A.	b,c,a
B.	a,b,c
C.	a,c,b
D.	error
Answer	**optionc**
Marks:	**2**
1694	**A benefit of the three-tier architecture is which of the following?**
A.	New modules can be built to support specific business needs.
B.	Performance improves for compiled SQL statements
C.	Results in a thinner client and database server
D.	All of the above
Answer	**optiona**
Marks:	**2**
1695	**Stored procedures have which of the following advantages?**
A.	It takes a longer time to write them as compared to writing Visual Basic
B.	Network traffic increases
C.	Data integrity improves as multiple applications access the same stored procedure.
D.	Result in thicker client and thinner database server
Answer	**optionc**
Marks:	**2**
1696	**Which of the following statements is a true statement concerning the open database connectivity standard (ODBC)?**
A.	Each vendor desiring to be ODBC-complaint provides an ODBC driver.
B.	Requires certain criteria to be met in order to establish an ODBC connection.
C.	Provides a programming interface that provides a common language for application programs to access and process SQL databases inde
D.	All of the above.
Answer	**optiond**
Marks:	**2**
1697	**A servlet can access the headers of an HTTP request through which following methods of the HttpServletRequest interface:**

A.	getHeader()
B.	getHeaderNames()
C.	both A and B
D.	none of the above
Answer	**optiond**
Marks:	**1**
| 1698 | ```
class Frame{ Frame(){
 }
}
class VFrame extends Frame {
VFrame(){
super();
}
 }
Which  statement are true?
``` |
A.	Class VFrame's constructor is public.
B.	Class VFrame's constructor has arguments
C.	Class VFrame's constructor includes a call to this().
D.	Class VFrame's constructor includes a call to super().
Answer	**optiond**
Marks:	**2**
1699	**Show a single line of code that will convert char ch into String s**
A.	String s=ch.toString
B.	String s=""+ch;
C.	String s=ch;
D.	none of these
Answer	**optionb**
Marks:	**2**
1700	**The Socket class has how many constructors that a client uses to connect to a server:**
A.	2
B.	3
C.	4
D.	5
Answer	**optiona**
Marks:	**2**
1701	**Is Servlet thread Safe?**
A.	Yes
B.	No
C.	Maybe
D.	cant predict

Answer	**optionb**
Marks:	**2**
1702	**What are controls or components?**
A.	Controls or components allow users to interact with application
B.	Controls or components do not allow users to interact with users
C.	Controls or components allow users to interact with users
D.	Controls or components allow application to interact with user
Answer	**optiona**
Marks:	**1**
1703	**The JComboBox is having following constructor**
A.	JCombobox(),JComboBox(Vector v)
B.	JComboBox(int v)
C.	JComboBox(),JComboBox(Object obj)
D.	JCombobox(Vector v,int obj)
Answer	**optiona**
Marks:	**2**
1704	**Which package is used to add progress bar in an application?**
A.	java.swing
B.	javax.swing.ProgressBar
C.	javax.swing.JProgrssBar
D.	javax.JProgressBar
Answer	**optionc**
Marks:	**2**
1705	**The Swing component classes that are used in encapsulate a mutually exclusive set of buttons are?**
A.	AbstractButton
B.	ButtonGroup
C.	Jbutton
D.	ImageIcon
Answer	**optionb**
Marks:	**1**
1706	**The JDBC-ODBC bridge allows ---------------------- to be used as ---------------------------**
A.	JDBC drivers,ODBC drivers
B.	Drivers, Application
C.	ODBC drivers,JDBC drivers

D.	`Application,drivers`
Answer	**optiona**
Marks:	**2**
1707	**Choose the correct sequence steps for running the servlet**
A.	• Write the servlet source code. We need to import the javax.servlet package and the javax.servlet.http package in your source file. • Compile your source code. • Run Tomcat. • Create a deployment d
B.	• Write the servlet source code. We need to import the javax.servlet package and the javax.servlet.http package in your source file. • Create a deployment descriptor. • Compile your source code. • Run Tomcat. • Call your servlet from a web bro
C.	• Write the servlet source code. We need to import the javax.servlet package and the javax.servlet.http package in your source file. • Compile your source code. • Create a deployment descriptor. • Call your servlet from a web browser. • Run Tomcat.
D.	• Write the servlet source code. We need to import the java.io , javax.servlet package and the javax.servlet.http package in your • Compile your source code. • Create a deployment descriptor. • Run Tomcat. • Call your servlet from a web browser.
Answer	**optiond**
Marks:	**2**

1708	**Choose the correct missing statement from the given code**
	`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);`
	` }`
	` }`
	
	`/*<applet code="Myframeapplet" width=1000 height=1000>`
	`</applet>*/`

A.	`Myframeapplet f1;`
B.	`Myframe f1;`

C.	`myframe f1;`
D.	`frame f1;`
Answer	**optionb**
Marks:	**2**

1709	Consider the following program. Find which statement contains error.
	``java
	import java.applet.*;
	import java.awt.*;
	import java.awt.event.*;
	
	/*<applet code = "PasswordAL.java" width = 600 height=600></applet>*/
	
	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);
	 }
	
	}
	``

A.	`error in the statement where ActionListener is implemented`
B.	`error in the statement where getActionCommand is called`
C.	`error in the statement where public void actionPerformed() method is called`
D.	`None of the above`
Answer	**optionc**
Marks:	**2**

1710	Choose the correct missing statement from the given code
	``java
	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>
        */
```

A.	t1.addActionListener(this);
B.	b1.addActionListener(this);
C.	t2.addActionListener(this);
D.	none of above
Answer	**optionb**
Marks:	**2**

1711	Choose the proper code for the following output

| A. |
```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
import 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.HORIZANTAL,0,1,0,100);
  add(vertSB);
  add(horiSB);
}
public void adjustmentValueChanged(AdjustmentEvent ae)
{
}
public void paint(Graphics g)
{
  g.DrawString("Vertical:"+vertSB.getValue(),5,200);
  g.DrawString("Horizantal:"+vertSB.getValue(),5,220);
}
}
```
|
|---|---|
| B. |
```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
import 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.HORIZANTAL,0,1,0,100);
  add(vertSB);
}
public void adjustmentValueChanged(AdjustmentEvent ae)
{
  repaint();
}
public void paint(Graphics g)
{
  g.DrawString("Vertical:"+vertSB.getValue(),5,200);
  g.DrawString("Horizantal:"+vertSB.getValue(),5,220);
```
|

```
}
}
```

<table>
<tr><td>C.</td><td>

```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
import 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.HORIZANTAL,0,1,0,100);
  add(vertSB);
  add(horiSB);
 }
 public void adjustmentValueChanged(AdjustmentEvent ae)
 {
  repaint();
 }
 public void paint(Graphics g)
 {
   g.DrawString("Horizantal:"+vertSB.getValue(),5,220);
 }
 }
```

</td></tr>
<tr><td>D.</td><td>

```
import java.awt.*;
import java.awt.event.*;
import java.applet.*;
import 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.HORIZANTAL,0,1,0,100);
  add(vertSB);
  add(horiSB);
 }
 public void adjustmentValueChanged(AdjustmentEvent ae)
 {
  repaint();
 }
 public void paint(Graphics g)
 {
   g.DrawString("Vertical:"+vertSB.getValue(),5,200);
   g.DrawString("Horizantal:"+vertSB.getValue(),5,220);
 }
 }
```

</td></tr>
<tr><td>Answer</td><td>**optiond**</td></tr>
<tr><td>Marks:</td><td>**2**</td></tr>
<tr><td>1712</td><td>

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){}
 }
}
```

</td></tr>
</table>

A.	`stmt.setInt(1,rno);`
B.	`stmt.executeUpdate();`
C.	`PreparedStatement stmt=conn.prepareStatement("Delete from Stud where rno=?");`
D.	`No statement is missing`
Answer	**optionc**
Marks:	**2**
| 1713 | **Consider the following program.**<br>**What should be the correction done in the program to get correct output?**<br>```java
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){}
 }
}
``` |
A.	`missing {`
B.	`missing ;`
C.	`missing database name`
D.	`missing package file`
Answer	**optionc**
Marks:	**2**
| 1714 | **Consider Following Code. Select the statement that should be added to the program to get correct output.**<br>```java
 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);
    System.out.println("Record Deleted");
    stmt.close();
    conn.close();
    br.close();
   }
  catch(ClassNotFoundException ce){}
  catch(SQLException se){}
  catch(IOException ie){}
 }
}
``` |
| A. | `Connection conn=DriverManager.getConnection("jdbc:odbc:mcm");` |

B.	`Connection conn=getConnection("jdbc:odbc:mcm");`
C.	`Connection conn=DriverManager.getConnection("mcm");`
D.	`conn=DriverManager.getConnection("jdbc:odbc:mcm");`
Answer	**optiona**
Marks:	**2**

1715	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 < cookies.length; i++) {
	Cookie c = 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 && name.length() > 0) {
	String value = request.getParameter("cookieValue");
	Cookie c = new Cookie(name, value);
	response.addCookie(c);
	}
	}
	}
	``

A.	`missing ;`
B.	`missing {`
C.	`missing   import javax.servlet.*;`
D.	`missing constructor`
Answer	**optionc**
Marks:	**2**

1716	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("<HTML>");
	out.println("<HEAD>");
	out.println("<TITLE>Cookie Test</TITLE>");
	out.println("</HEAD>");
	out.println("<BODY>");
	out.println("Please click the button to see the cookies sent to you.");
	out.println("
	");
	out.println("<FORM METHOD=POST>");
	out.println("<INPUT TYPE=SUBMIT VALUE=Submit>");
	out.println("</FORM>");
	out.println("</BODY>");
	out.println("</HTML>");
	}
	``

A.	`response.addCookie(c2);`

B.	response.addCookie(c1);
C.	addCookie();
D.	response.addcookie(c2);
Answer	**optiona**
Marks:	**2**

1717	Which of the following applet tags is legal to embed an applet class named Test into a Web page?
A.	< applet class = Test width = 200 height = 100>
B.	< applet code = Test.class width = 200 height = 100></applet>
C.	< applet> code = Test.class width = 200 height = 100>
D.	< applet code = Test.class width = 200 height = 100
Answer	**optionb**
Marks:	**1**

1718	What is the use of following method in JDialog? Container getContentPane()
A.	This method returns,a Content Pane for the JDialog.
B.	This method returns,a Content Pane for the Menu
C.	This method returns,a Content Pane for the Applet
D.	None of the Above
Answer	**optiona**
Marks:	**1**

1719	If you need to use a stored procedure with output parameters, which of the following statement type should be used to call the pr
A.	Statement
B.	PreparedStatement
C.	CallableStatement
D.	None of the Above
Answer	**optionc**
Marks:	**1**

1720	Which one of the following will not get the data from the first column of ResultSet rs, returned from executing the following SQL SELECT name, rank, serial_No FROM employee?
A.	rs.getString(0)
B.	rs.getString("name")
C.	rs.getString(1)
D.	None of the Above
Answer	**optiona**

Marks:	1
1721	In which of these getAttribute () and setAttribute() method is declared?
A.	HttpSession
B.	ServletRequest
C.	ServletContext
D.	ServletConfig
Answer	**optiona**
Marks:	1
1722	Observe the following output and determine which component and listener is required?
A.	Label, frame, actionListener
B.	Button, frame, itemListener
C.	Button, frame, actionListener
D.	None of the above
Answer	**optionc**
Marks:	2
1723	Match The Pair ? 1) Button() a) AdjustmentListener 2) Scrollbar() b) Non Of Above 3) Checkbox() c) ItemListener 4) Label() d) ActionListener
A.	1-d 2-b 3-c 4-b
B.	1-d 2-a 3-b 4-c
C.	1-b 2-a 3-c 4-d
D.	1-d 2-a 3-c 4-b
Answer	**optiond**
Marks:	2
1724	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
A.	2
B.	3
C.	1
D.	4
Answer	**optionc**
Marks:	2
1725	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();
 }

}
}
```

A.	Empty table is created in the database
B.	Table is created with two data field in database
C.	Table is inserted by two data field
D.	All of above
Answer	**optionb**
Marks:	**2**

| 1726 | what will be the final output after Enter the valute for First & 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("<html><head><title>CALCULATOR</title></head>");
pw.println("<body>");
pw.println("<form method=post action=calcServlet>");
pw.println("Enter first No.:");
pw.println("<input type=text name=nm><br>");
pw.println("Enter Second No.:");
pw.println("<input type=text name=r>");
pw.println("<input type=submit value=calc>");
pw.println("</form></body></html>");
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("<html><head><title>CALCULATOR</title></head>");
``` |

```
pw.println("<body>");
pw.println(a+"+"+b+"="+e+"<br>");
pw.println(a+"-"+b+"="+f+"<br>");
pw.println(a+"*"+b+"="+g+"<br>");

int h=c/d;
pw.println(a+"/"+b+"="+b+"<br>");

pw.println("</body></html>");
pw.close();
}
public void destroy()
{}
}
```

A.	o1
B.	o2
C.	o3
D.	None of the Above
Answer	**optiona**
Marks:	**2**

1727	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 ");`
	`}`
	`}`

A.	add(textarea)
B.	add(ta1)
C.	add(TextArea1)
D.	all of the above
Answer	**optionb**
Marks:	**2**

1728	`import java.awt.*;`
	`import java.applet.*;`
	`/*<applet code="Choice_Demo.class" width=300 height=300></applet>*/`
	`public class Choice_Demo extends _____`
	`{`
	`Choice c1;`
	`public void init()`
	`{`
	`c1=new Choice();`
	`add(c1);`
	`}`
	`}`

A.	Applet
B.	Panel
C.	Frame
D.	None of the above
Answer	**optiona**
Marks:	**2**

1729	`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);
}
}
```

A.	Semicolon missing ‘ ;’
B.	Container c=getContentPane();
C.	Package missing
D.	getContentPane();
Answer	**optionb**
Marks:	**2**

| 1730 | which listener is missing in following code.?
`import java.awt.*;`
`import java.awt.event.*;`
`import 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);`
`}` |

A.	ActionListener
B.	Itemlistener.
C.	AdjustmentListener.
D.	EventListener.
Answer	**optiona**
Marks:	**2**

| 1731 | 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());
            }
            }
```

A.	b1=new JButton(i1);
B.	Button b1=new JButton(i1);
C.	b1=new JButton(b1);
D.	None of the above
Answer	**optiona**
Marks:	**2**

1732	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. -----------);
	   }
	}

A.	getProtocol()
B.	gethost()
C.	GetProtocol()
D.	None of the above
Answer	**optiona**
Marks:	**2**

1733	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();
}
}
}
``` |
A.	`ps.execute();`
B.	`ps.executeUpdate()`
C.	`ps.executeQuery()`
D.	None of the above
Answer	**optionb**
Marks:	**2**
| 1734 | ```
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 Raisoni(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...");
}
}
}
``` |
A.	Semicolon missing
B.	Statement not created
C.	`}`
D.	Connection not Created
Answer	**optionb**
Marks:	**2**

1735	What will happen if we does not use the close() method?
A.	Program will not terminated
B.	Connection will not close
C.	Database does not get update
D.	Driver Does not load
Answer	**optionb**
Marks:	**2**

1736	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 handeled by the service() method");
	        }
	        else
	        {
	            response.setStatus(HttpServletResponse.SC_BAD_REQUEST);
	            out.println("Method not supported by this servlet");
	        }
	        out.close();
	    }
	}

A.	text/plain
B.	text/html
C.	text/jar
D.	text/image
Answer	**optiona**
Marks:	**2**

1737	Executable applet is nothing but _____ file of applet
A.	.txt
B.	.java
C.	.class
D.	.html
Answer	**optionc**
Marks:	**1**

1738	Default orientation of progress bar is:
A.	Vertical
B.	Horizontal
C.	Diagonal

D.	Cross
Answer	**optionb**
Marks:	**1**
1739	**Java supports input/output of data through the classes included in the _____ package:**
A.	java.oi
B.	Java.io
C.	Java.in
D.	Java.out
Answer	**optionb**
Marks:	**1**
1740	**If scroll bar is manipulated ………………….event will be notified.**
A.	ActionEvent
B.	ComponentEvent
C.	AdjustmentEvent
D.	WindowEvent
Answer	**optionc**
Marks:	**2**
1741	**If you use either Telnet or FTP, which is the highest layer you are using to transmit data?**
A.	Application
B.	Presentation
C.	Session
D.	Transport
Answer	**optiona**
Marks:	**2**
1742	**EventObject class is defined in which of these libraries?**
A.	java.io
B.	java.lang
C.	java.net
D.	java.util
Answer	**optiond**
Marks:	**2**
1743	**In which advantage of servlet, Servlets are managed by JVM so no need to worry about memory leak, garbage collection etc.?**
A.	Better performance
B.	Portability

C.	Robust
D.	Secure
Answer	**optionc**
Marks:	**2**
1744	**In RequestDispacher which method is used to sends the same request and response objects to another servlet?**
A.	forward()
B.	sendRedirect()
C.	Both A & B
D.	None of the above
Answer	**optiona**
Marks:	**2**
1745	**Which class provides many methods for graphics programming?**
A.	java.awt
B.	java.Graphics
C.	java.awt.Graphics
D.	None of the above
Answer	**optionc**
Marks:	**1**
1746	**SQL stands for _____ .**
A.	Structured Query Language
B.	Sequential Query Language
C.	Structured Question Language
D.	Sequential Question Language
Answer	**optiona**
Marks:	**1**
1747	**You can add a row using SQL in a database with which of the following?**
A.	ADD
B.	CREATE
C.	INSERT
D.	MAKE
Answer	**optionc**
Marks:	**1**
1748	**The command to remove all the rows from a table 'CUSTOMER' is:**
A.	REMOVE FROM CUSTOMER

B.	DROP FROM CUSTOMER
C.	DELETE FROM CUSTOMER
D.	UPDATE FROM CUSTOMER
Answer	**optionc**
Marks:	1
1749	**Which of the following is the correct order of keywords for SQL SELECT statements?**
A.	SELECT, FROM, WHERE
B.	FROM, WHERE, SELECT
C.	WHERE, FROM,SELECT
D.	SELECT,WHERE,FROM
Answer	**optiona**
Marks:	1
1750	**MIME is the abbreviation of _____.**
A.	Multilevel internet Mail Extension
B.	Multipurpose internet Mail Extension
C.	Multiuse information Mail Extension
D.	None of the above
Answer	**optionb**
Marks:	1
1751	**A JFrame supports three operations when the user closes the window. Which of the choices below is not one of the three:**
A.	DISPOSE_ON_CLOSE
B.	DO_NOTHING_ON_CLOSE
C.	LOWER_ON_CLOSE
D.	HIDE_ON_CLOSE
Answer	**optionc**
Marks:	2
1752	**You can create a JTable using _____**
A.	new JTable()
B.	new JTable(4, 5)
C.	new JTable(new Integer[3][4], new Integer[4])
D.	All Above
Answer	**optiond**
Marks:	2
1753	**_____ are the properties in JTable.**

A.	gridColor
B.	rowCount
C.	columnCount
D.	All Above
Answer	**optiond**
Marks:	**2**
1754	**Clicking the closing button on the upper-right corner of a frame generates a(n) _____ event.**
A.	ItemEvent
B.	WindowEvent
C.	MouseMotionEvent
D.	ComponentEvent
Answer	**optionb**
Marks:	**2**
1755	**The statement _____ changes the Course title to Java Programming for the CourseID 11111.**
A.	update table Course set title = 'Java Programing' where courseId = '11111'
B.	update Course set title = 'Java Programing' where courseId = '11111'
C.	update table Course set title = "Java Programing" where courseId = "11111"
D.	update table Course set title = "Java Programing" where courseId = "11111"
Answer	**optionb**
Marks:	**2**
1756	**What code should be added so that we can get following Code?**

```
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
/*<applet code=SignIn.class width=400 height=400></applet>*/

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();

   if(msg.equals("Admin")&&msg1.equals("Admin"))
   {
    l.setText("Correct Password");
   }
   else
   {
    l.setText("Incorrect Password");
```

```
     }
    }
   }
  }
```

A.	b1.addActionListener(this);
B.	t2.setEchoChar('*');
C.	Both A & B
D.	Either A or B
Answer	**optionc**
Marks:	**2**

1757	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);
	 }
	}```

A.	setLayout(new BorderLayout());
B.	setLayout(new CardLayout());
C.	setLayout(new BoxLayout());
D.	setLayout(new FlowLayout());
Answer	**optiond**
Marks:	**2**

1758	For the following code select the method that can be used to handle event. ?
	``import java.awt.*;
	import java.applet.*;
	import java.awt.event.*;
	/*<applet code=ListDemo.class width=400 height=400></applet>*/
	
	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<=31;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<idx.length;i++)
  {
   msg=l.getItem(idx[i]);
   g.drawString(msg,20,i*10+20);
  }
 }
 }
``` |
A.	actionPerformed(ActionEvent e)
B.	adjustmentValueChanged(AdjustmentEvent e)
C.	itemStateChanged(ItemEvent e)
D.	None Of Above
Answer	**optionc**
Marks:	**2**
| 1759 | ```
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);
 }
}
``` |
A.	implements ActionListener
B.	setBackground(f)
C.	setForeground(f)
D.	setFont(f)
Answer	**optiond**
Marks:	**2**
| 1760 | ```
What should be written for _____ in following code ?
import java.awt.*;
import java.awt.event.*;
import java.applet.*;

/*<applet code=ScrollDemo.class height=400 width=600></applet>*/

public class ScrollDemo extends Applet implements AdjustmentListener
{
 Scrollbar v;
 public void init()
 {
  v=new Scrollbar();
  add(v);
  v.addAdjustmentListener(this);
 }
 public void _____(AdjustmentEvent ae)
 {

 }
}
``` |

A.	actionPerformed
B.	itemStateChanged
C.	AdjustmentValueChanged
D.	MouseClicked
Answer	**optionc**
Marks:	2

1761	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 \t"+rs.getDouble(3));
	s.close();
	c.close();
	}
	}
	}

A.	getLocalHost()
B.	Connection()
C.	getResultSet()
D.	getMoreResults()
Answer	**optionb**
Marks:	2

1762	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.executeUpdtae("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();
	}
	}

A.	Empty Table
B.	Table with All Data
C.	Error in ResultSet Statement
D.	Error in close()
Answer	**optiona**
Marks:	2

1763	Consider the following program, it has 10 Records in the Table. What will be the output of following Code?

```java
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();
}
}
```

A.	Ramesh name will be given only for 1st Record
B.	The query will not be processed
C.	Ramesh name will be given to all the records
D.	None Of Above
Answer	**optionc**
Marks:	**2**

1764	Consider the following program. Which packages must be included for Successfully executing the code?

```java
// 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.
  }
}
```

A.	import java.io.*; import javax.servlet.*; import javax.servlet.http.*;
B.	import java.io.*; import javax.servlet.*;
C.	import java.net.*; import javax.servlet.*;
D.	None Of Above
Answer	**optiona**
Marks:	**2**

1765	Consider the following program. Which class should be extended.
	    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("<html><body>");
out.print("<b>hello generic servlet</b>");
out.print("</body></html>");

}
}
``` |
A.	Cookie
B.	GenericServlet
C.	HttpServlet
D.	HttpSessionEvent
Answer	**optionb**
Marks:	**2**
| 1766 | **In following Java program which package needs to be imported for Enumeration?**<br><br>```
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();
}
``` |
A.	import java.net.*;
B.	import javax.servlet.http.*;
C.	import java.util.*;
D.	None of Above
Answer	**optionc**
Marks:	**2**
1767	**A JCheckBoxMenuItem is a subclass of _____.**
A.	AbstractButton
B.	JComponent
C.	JMenuItem
D.	All of these
Answer	**optiond**
Marks:	**1**
1768	**Which method sets the size and position of a component**

A.	setComponent()
B.	setSizeAndPosition()
C.	setComponentSize()
D.	setBounds()
Answer	**optiond**
Marks:	**1**
1769	**_____ generates action events when an item is double-clicked.**
A.	List
B.	Checkbox
C.	MenuItem
D.	TextField
Answer	**optiona**
Marks:	**1**
1770	**Which method is used to close server socket connection?**
A.	void close()
B.	int close()
C.	InetAddress close()
D.	boolean close()
Answer	**optiona**
Marks:	**1**
1771	**Which method must be used to execute INSERT, UPDATE, or DELETE statement .**
A.	executeQuery()
B.	executeDMLQuery()
C.	executeUpdate()
D.	executeDelete()
Answer	**optionc**
Marks:	**1**
1772	**Which driver type use middleware server(Application Server)?**
A.	Type 1
B.	Type 2
C.	Type 3
D.	Type 4
Answer	**optionc**
Marks:	**1**

1773	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?
A.	doGet()
B.	doPost()
C.	doTrace()
D.	doPut()
Answer	**optiond**
Marks:	**1**
1774	**Which interface define a getSession() method?**
A.	ServletRequest
B.	ServletResponse
C.	HttpServletRequest
D.	HttpServletResponse
Answer	**optionc**
Marks:	**1**
1775	**Which of the following implicit objects is not available to a JSP page by default?**
A.	application
B.	session
C.	context
D.	config
Answer	**optionc**
Marks:	**1**
1776	**Which of the following is not a constructor of FileDialog?**
A.	FileDialog()
B.	FileDialog(Frame f)
C.	FileDialog(Frame f, String title,int mode)
D.	FileDialog(Frame f, String title)
Answer	**optiona**
Marks:	**2**
1777	**What AWT classes (components) will be needed to get following output?**
A.	Label,Checkbox,RadioButton,BorderLayout
B.	Label,Checkbox,checkboxGroup,FlowLayout
C.	Label,Checkbox,JRadioButtonFrame,FlowLayout
D.	Label,Checkbox,GridLayout,ButtonGroup
Answer	**optionb**

Marks:	2

1778	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);`
	`}`
	`}`
	`/*<applet code=checkbackg.class height=150 width=150>`
	`</applet>*/`

A.	textValueChanged(TextEvent e)
B.	itemStateChanged(TextEvent e)
C.	textValueChang(TextEvent e)
D.	textChanged(TextEvent e)
Answer	**optiond**
Marks:	2
1779	Select the Listeners needed for components shown in application.
A.	actionPerformed(ActionEvent e),itemStateChanged(ItemEvent e)
B.	actionPerformed(ActionEvent e),itemValueChanged(ItemEvent e)
C.	adjustmentPerformed(AdjustmentEvent ae),itemStateChanged(ItemEvent e)
D.	ActionPerformed(ActionEvent e),ItemStateChanged(ItemEvent e)
Answer	**optiona**
Marks:	2

1780	In the following code, what type of protocol is Socket object "skt" uses?
	`import java.io.*;`
	`import java.net.*;`
	`public class NetClient {`
	 `public static void main(String args[]) throws Exception {`
	     `Socket skt = new Socket("host",88);`
	`}`
	`}`

A.	Connectionless
B.	FTP
C.	UDP
D.	TCP
Answer	**optiond**
Marks:	2
1781	Which code segment could execute the stored procedure "countRecs()" located in a database server?
A.	Statement stmt = connection.createStatement();

	stmt.execute("COUNTRECS()");
B.	CallableStatement cs = con.prepareCall("{call COUNTRECS}"); cs.executeQuery();
C.	StoreProcedureStatement spstmt = connection.createStoreProcedure("countRecs()"); spstmt.executeQuery();
D.	PrepareStatement pstmt = connection.prepareStatement("countRecs()"); pstmt.execute();
Answer	**optionb**
Marks:	**2**
1782	In a URL query string, the parameter name and value are associated using the ____ symbol.
A.	?
B.	=
C.	+
D.	&
Answer	**optionb**
Marks:	**2**
1783	Which retrieves all cookies sent in a given HttpServletRequest request?
A.	request.getCookies()
B.	request.getAttributes()
C.	request.getSession ().getCookies()
D.	request.getSession (). GetAttributes()
Answer	**optiona**
Marks:	**2**

1784	From the following code find the correct occurence of key event.
	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();
	}

A.	Key Pressed Key Released Key Typed
B.	Key Pressed Key Typed Key Released

C.	Key Typed Key Pressed Key Released
D.	Key Released Key Typed Key Pressed
Answer	**optionb**
Marks:	**2**
1785	**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.");** **}** **}**
A.	The code will not compile correctly, because the class does not provide all the methods of the MouseListener interface.
B.	The code compiles without error. During execution, an exception will be thrown if a component uses this class as a mouse listener
C.	The code compiles without error and defines a class that could be used as a mouse listener.
D.	You can not implement MouseListener interface in MouseAdapter class
Answer	**optionc**
Marks:	**2**
1786	**In following Java program fill statement showing **************.Select any one option to get correct output.** **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 rno=7;** ** String name1 ="hari";** ** String query ="insert into student(rollno,name) values(?,?)";** ** PreparedStatement pstm = con.prepareStatement(query);** ** ****************** ** ****************** ** int a= pstm.executeUpdate();** ** if(a==1){** ** System.out.println("inserted");** ** }else{** ** System.out.println(" not inserted");** ** }** ** } catch (Exception ex) {** ** System.out.println(ex);** ** }** ** }** **}**
A.	pstm.setString(1, name1); and pstm.setInt(2, rno);
B.	pstm.setInt(1, rno); and pstm.setString(2, name1);
C.	pstm.setInt(1, "name"); and psrm.setInt(1,rno);
D.	pstm.setInt(rno); and pstm.setString(name1);
Answer	**optionb**
Marks:	**2**
1787	**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);
                }
            }
        }
```

A.	stm.executeQuery();

B.	stm.executeUpdate(query);

C.	stm.executeUpdate();

D.	stm.execute();

Answer	**optionb**

Marks:	**2**

1788	What happens if the following code is executed?
	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();
	  }
	}
	}

A.	There is a compiler error

B.	There is a run time error

C.	Program run Successfully and print the content of table

D.	Retrieval of the fields is in the wrong order

Answer	**optiona**

Marks:	**2**

1789	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 = ************
	    }
	}
	From the above code fill statement showing ************** that retrive the text from the second text field.

A.	second = request.getParameter("foo");

B.	second = request.getParameter("foo",2);

C.	second = request.getParameter("foo")[1];

D.	second = request.getParameterValues("foo")[1];

Answer	**optiond**
Marks:	**2**
1790	**What will be the output of the following code snippet?** **<% int a=5; %>** **<%! int a=10; %>** **a = <%=a + this.a%> :: <%= this.a%>**
A.	a = 15 :: 10
B.	a = 10 :: 15
C.	The code snippet fails to compile because the variable a is declared twice.
D.	a = 10 :: 10
Answer	**optiona**
Marks:	**2**
1791	**Given:** **<%-- insert code here --%>** **<html>** **<body>** **Today is: <%= new Date() %>** **</body>** **</html>** **What needs to go on line 1?**
A.	<%@ page import='java.util.Date' %>
B.	<%@ import class='java.util.Date' %>
C.	<%@ include file='java.util.Date' %>
D.	<%@ include class='java.util.Date' %>
Answer	**optiona**
Marks:	**2**
1792	**Which of the following may contain a menu bar?**
A.	panel
B.	frame
C.	applet
D.	menu bar
Answer	**optionb**
Marks:	**1**
1793	**ODBC stands for**
A.	object database connectivity
B.	open database connectivity
C.	all the above
D.	none of the above
Answer	**optionb**
Marks:	**1**
1794	**the interface to the database is handle by**

A.	ODBC
B.	JDBC
C.	JDBC &ODBC
D.	APIS
Answer	**optiond**
Marks:	**2**
1795	**Which is the correct discription of the close() method**
A.	closes the current stmt object
B.	closes the next stmt object
C.	close the object only
D.	none of the above
Answer	**optiona**
Marks:	**2**
1796	**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:dsnname");** **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();** **}** **}**
A.	Compile Error
B.	Runtime Error
C.	It prints all data from table
D.	None of these
Answer	**optiona**
Marks:	**2**
1797	**What is the type of 'cmd' object in the following program.** **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();`
	`    }`
	`}`

A.	Statement
B.	PreparedStatement
C.	CallableStatement
D.	stmt
Answer	**optionb**
Marks:	**2**
1798	**What programming language(s) or scripting language(s) does Java Server Pages support?**
A.	Any Programming Language code
B.	Java Script
C.	VBScript
D.	Java only
Answer	**optiond**
Marks:	**2**
1799	**Which is the container that contain title bar and can have MenuBars. It can have other components like button, textfield etc.?**
A.	Panel
B.	Frame
C.	Window
D.	Container
Answer	**optionb**
Marks:	**1**
1800	**What is default hgap and vgap value in Border Layout?**
A.	1
B.	2
C.	3
D.	0
Answer	**optiond**
Marks:	**1**
1801	**Which event is handled on MenuItem?**
A.	ActionEvent
B.	ItemEvent
C.	AdjustmentEvent
D.	KeyEvent
Answer	**optiona**

Marks:	**1**
1802	**What is default mode of Dialog Box?**
A.	Modal
B.	Non-Modal
C.	Can not be decided
D.	Both a) and b)
Answer	**optionb**
Marks:	**1**
1803	**What type of JProgressBar() is created using default constructor?**
A.	Horizontal
B.	Vertical
C.	Not Fixed
D.	None of the Above
Answer	**optiona**
Marks:	**1**
1804	**Event Registration is done by whom?**
A.	Event Source
B.	Event Registration
C.	Event Listener
D.	Event
Answer	**optiona**
Marks:	**1**
1805	**Which method is supported by KeyListener interface?**
A.	KeyTyped()
B.	KeyTyping()
C.	keyType()
D.	None of the Above
Answer	**optiona**
Marks:	**1**
1806	**What is use of Adapter class?**
A.	Provides default implimentation of all methods in an event listener interface.
B.	It needs all methods to be implemented
C.	It' s implementation is simple
D.	It is easy to understand

Answer	**optiona**
Marks:	1
1807	**Which of the following method is defined by ActionEvent class?**
A.	getAction()
B.	getCommand()
C.	getSource()
D.	getActionEvent()
Answer	**optionc**
Marks:	1
1808	**Which class is used to create servers that listen for either local client or remote client programs?**
A.	ServerSocket
B.	HttpServlet
C.	HttpServer
D.	HttpResponse
Answer	**optiona**
Marks:	1
1809	**The client in socket programming must know which informations?**
A.	IP Address of Server
B.	Port Number
C.	Both A & B
D.	None of the Above
Answer	**optionc**
Marks:	1
1810	**Which method is used for saving records in a database?**
A.	commit()
B.	commit once()
C.	single Commit()
D.	None of the Above
Answer	**optiona**
Marks:	1
1811	**Which of the following constructor creates a RadioButton?**
A.	Checkbox()
B.	Checkbox(int i)
C.	Checkbox(String str, int i)

D.	Checkbox(String str, boolean s, cbg)
Answer	**optiond**
Marks:	**2**
1812	**Which of the following method adds item "N" to the List without deprecation warnings at the end of List?**
A.	addItem("N")
B.	addItem("N",0)
C.	add("N")
D.	add("N",0)
Answer	**optionc**
Marks:	**2**
1813	**Which of these is superclass of all Adapter classes?**
A.	Applet
B.	EventObject
C.	ComponentEvent
D.	InputEvent
Answer	**optionb**
Marks:	**2**

1814	**What is output 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());
	        }
	    }
	Host URL is written in html and simple text.

A.	html
B.	text
C.	html/text
D.	text/html
Answer	**optiond**
Marks:	**2**
1815	**What a deployment descriptor specifies?**
A.	web component response settings
B.	web component settings
C.	web component request objects
D.	All of the above
Answer	**optionb**
Marks:	**2**

1816	What the getSession() method with true parameter will returned?
A.	the session is completed
B.	the session object is passed to another method
C.	the session does not exist
D.	the session is existing
Answer	**optiond**
Marks:	**2**
1817	Which cookie is valid for single session only; it is removed each time when user closes the browser?
A.	Persistent
B.	Non-persistent
C.	both a and b
D.	None of the above
Answer	**optionb**
Marks:	**2**
1818	**public class L extends JApplet** **{ public void init()** **{ ImageIcon i1 = new ImageIcon("B1.bmp");** **JButton b1=new JButton(i1); add(b1); } }**
A.	Button is created with B1 image
B.	Button is created without specified image
C.	Blank output
D.	Error
Answer	**optionb**
Marks:	**2**
1819	**What size of Grid is created?** **public class A1 extends Applet** **{ public void init()** **{ setLayout(new GridLayout());** **Button b1=new Button("one");** **Button b2=new Button("Two");** **Button b3=new Button("Three");** **} }**
A.	three button in one column
B.	three button in two column
C.	three button in Three column
D.	None of the above
Answer	**optionc**
Marks:	**2**
1820	**public class A1 extends Applet** **{ public void init()** **{ setLayout(new FlowLayout());** **Button l1 = new Button("1");** **add(l1); } }**

A.	Blank output
B.	Button is added at Left
C.	Label is added at Right
D.	Button is added at Center
Answer	**optiond**
Marks:	**2**

1821	Predict the output
	public class R1 extends Applet implements ItemListener
	{ public void init()
	{ Checkbox c1 = new Checkbox();
	add(c1);
	c1.addItemListener(this);
	Label l1 = new Label();
	add(l1); }
	public void itemStateChanged(ItemEvent ie) {
	if(ae.getItemSelectable()==c1)
	l1.setText("Hi"); } }

A.	Hi is printed
B.	No message is printed
C.	Blank Output
D.	Error
Answer	**optiona**
Marks:	**2**

1822	What will be the output of the following code:
	import java.awt.*;
	import java.awt.event.*;
	import java.applet.*;
	
	/*<applet code=MFont width=300 height=200>
	</applet>*/
	
	public class MFont extends Applet
	{
	 int size=10,i=10;
	 Font f;
	 public void init()
	 {
	   f=new Font("Arial",Font.BOLD,size);
	 }
	 public void paint(Graphics g)
	 {
	    addMouseListener(new MouseAdapter(){
	   public void mouseClicked(MouseEvent me){
	    for(int i=0;i<=me.getClickCount();i++)
	    {
	    f=new Font("Arial",Font.BOLD,size+i);
	    repaint();
	    }
	     }
	  });
	g.setFont(f);
	g.drawString("Hello",100,100);
	 }

A.	Hello is displayed and font size is increased by 2 on every click
B.	Hello is displayed and font size is increased by 2 only once
C.	Hello is displayed and font size is increased by 10 on every click
D.	Hello is displayed and font size is increased by 2 only once
Answer	**optionc**
Marks:	**2**

1823	What will be the output of the following code:
	``java
	import java.awt.*;
	import java.awt.event.*;
	import java.applet.*;
	
	/*<applet code=MColor width=300 height=200>
	</applet>*/
	public class MColor extends Applet
	{
	 int size=10,i=2;
	 Font f;
	 public void init()
	 {
	  setForeground(Color.red);
	 }
	 public void paint(Graphics g)
	 {
	  addMouseListener(new MouseAdapter(){
	   public void mouseClicked(MouseEvent me){
	    setForeground(Color.green);
	  } });
	 f=new Font("Cambria", Font.PLAIN,20);
	 g.setFont(f);
	 g.drawString("Hello",100,100);
	 } }
	``

A.	Hello is displayed with initial red color and after clicking the color is changed to green
B.	Hello is displayed with red color initial and after clicking
C.	Hello is displayed with initial green color and after clicking the color is changed to red
D.	Hello is displayed with greencolor initial and after clicking
Answer	**optiona**
Marks:	**2**

1824	Find Errors
	``java
	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(url);
	ResultSet rs=st.executeQuery("Select * from student");
	}
	}
	``

A.	Statement object is not created
B.	Drivers are loaded
C.	Connection is created
D.	Connection is not created
Answer	**optiona**
Marks:	**2**

1825	```java
	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("<H1>Hello!!");
	                pw.close();
	
	        }
	}
	``

A.	Hello message is displayed
B.	No message is printed

C.	Hello message is printed with H1 style
D.	Error
Answer	**optionc**
Marks:	**2**

1826	**Find Errors**
	``java
	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("<B>Hello!!");
	                pw.close();
	
	        }
	}
	``

A.	No Error
B.	Hello message is printed
C.	Error in res.SetContentType()
D.	error in res.GetWriter()
Answer	**optiond**
Marks:	**2**

1827	**Which of the following is legal JSP syntax to print the value of k?**
A.	`<%int k= 1;%>` `<%= k; %>`
B.	`<%int k = 1;` `k; %>`
C.	`<%int k = 1%>` `<%= k %>`
D.	`<%int k = 1;%>` `<%= k %>`
Answer	**optiond**
Marks:	**2**

1828	**Predict the output**
	``html
	<html>
	<head><title>A Comment Test</title></head>
	<body>
	
	Today's date: <%=(new java.util.Date()).toLocaleString() %>
	
	</body>
	</html>
	``

A.	Today's date: 15-sep-2007 07:02:07
B.	date: 15-sep-2007 07:02:07
C.	Date: 15-sep-2007 07:02:07
D.	Error
Answer	**optiona**
Marks:	**2**

1829	Frame uses _____ as default Layout
A.	FlowLayout
B.	GridLayout
C.	cardLayout
D.	BorderLayout
Answer	**optiond**
Marks:	**1**
1830	_____ is a simple control which is used to display non editable text on the window
A.	Label
B.	textbox
C.	textField
D.	TextArea
Answer	**optiona**
Marks:	**1**
1831	_____ package needs to be imported if we use swing component classes in our program
A.	java.swing
B.	javax.swing
C.	java.awt.swing
D.	java.awt
Answer	**optionb**
Marks:	**1**
1832	AWT is abbrivation for_____
A.	Abstract Window Toolkit
B.	Advanced Window ToolKit
C.	Abstract window tools
D.	None of the above
Answer	**optiona**
Marks:	**1**
1833	_____ method is used to set or change the text on Label
A.	setText()
B.	text()
C.	SettleText()
D.	EditText()
Answer	**optiona**

Marks:	1
1834	AWT does not have _____ control
A.	Tree
B.	table
C.	tab
D.	All of the above
Answer	**optiond**
Marks:	1
1835	_____ is used to change the current layout managers for a container?
A.	setLayout()
B.	ChangeLayout()
C.	GetLayout()
D.	setCurrentLayout()
Answer	**optiona**
Marks:	1
1836	_____ events is generated when the a window is closed?
A.	MyWindowEvent
B.	WindowEvent
C.	EventArgs
D.	WindowClose
Answer	**optionb**
Marks:	1
1837	_____ method belongs to which event KeyEvent class?
A.	getKeyChar( ) and getkeyCode( )
B.	readNumber() and readChar()
C.	readKey() and readChar()
D.	getKey() and getCode()
Answer	**optiona**
Marks:	1
1838	In order to handle button Events I have to implement_____interface
A.	ActionListener
B.	ActionTaken
C.	ActionEvent
D.	ActionManagement

Answer	**optiona**
Marks:	**1**
1839	**_____ package contains classes and interfaces for networking**
A.	java.net
B.	javax.net
C.	java.network
D.	java.socket
Answer	**optiona**
Marks:	**1**
1840	**The JDBC (Java Database Connectivity) API defines _____**
A.	interfaces and classes for writing database applications in Java by making database connections.
B.	classes for GUI
C.	Interfaces and classes for GUI
D.	Programs for network Connectivity
Answer	**optiona**
Marks:	**1**
1841	**Using JDBC you can send SQL, PL/SQL statements _____**
A.	to almost any relational database.
B.	to MySQL database
C.	to MSAccess
D.	to Oracle
Answer	**optiona**
Marks:	**1**
1842	**In the first step of the jdbc connection process, we load the driver class by calling _____**
A.	Class.forName() with the Driver class name as an argument.
B.	Class.forName() without the Driver class name as an argument
C.	Driver.forName() without the Driver class name as an argument
D.	Driver.Class.forName() without the Driver class name as an argument
Answer	**optiona**
Marks:	**1**
1843	**A Java Server Page is translated to _____**
A.	servlet
B.	application
C.	applet

D.	html file
Answer	**optiona**
Marks:	**1**
1844	**_____ is a small piece of information that is persisted between the multiple client requests.**
A.	cookie
B.	servlet
C.	jsp
D.	textfile
Answer	**optiona**
Marks:	**1**
1845	**What is MIME?**
A.	Multipurpose internet Mail Extension
B.	Multilevel internet Mail Extension
C.	Multipurpose internet Multiple Extension
D.	Multiple internet More Extension
Answer	**optiona**
Marks:	**1**
1846	**What is Advantage of JSP over Servlet ?**
A.	JSP is web page scripting language and servlets are Java programs
B.	JSP is easy to write than servlet with full capabilities like servlet
C.	JSP is in Java and Servlet is not
D.	No Advantage
Answer	**optionb**
Marks:	**1**
1847	**The Jtable used to display data in form of?**
A.	rows and columns of data.
B.	Linear form
C.	hirerchical form
D.	flexible data.
Answer	**optiona**
Marks:	**2**
1848	**Find out correct syntax of service() method of servlet class**
A.	void service(ServletRequest req, ServletResponse res)
B.	int service(ServletRequest req, ServletResponse res)

C.	float service(ServletRequest req, ServletResponse res)
D.	char service(ServletRequest req, ServletResponse res)
Answer	**optiona**
Marks:	**2**
1849	**What are Advantage of Servlet over CGI ?**
A.	Performance of servlets is significantly better.
B.	servlet is lightweight
C.	Servlet is more powerful
D.	No Advantage
Answer	**optiona**
Marks:	**2**
1850	**Advantages of Cookies are _____**
A.	A. It is used to maintain the state information.
B.	B. Cookies are maintained at client side.
C.	D.Cookies are maintained at server side.
D.	Both A and B are correct
Answer	**optiond**
Marks:	**1**
1851	**Consider following program and find the missing statement in the code** **import java.awt.event.*;** **import java.awt.*;** **import java.applet.*;** **/* <applet code=exp1.class width=200 height=200> </applet> */** ** public class exp1 extends Applet** **{** **public void init() {** **add(new Button("BOTTOM"),BorderLayout.SOUTH);** **add(new Button("RIGHT"),BorderLayout.EAST);** **add(new Button("LEFT"),BorderLayout.WEST);** **}** **}**
A.	setLayout(new BorderLayout());
B.	setLayout(new GridLayout());
C.	setLayout(new cardLayout());
D.	None of the above
Answer	**optiona**
Marks:	**2**
1852	**Which of the following methods can be used to change the size of a java.awt.Component object?** ** (A) resize()** ** (B) setSize()** ** (C) area()** **(D) size()** **(E) dimension()**
A.	A and B
B.	B and E

C.	C and D
D.	A and C
Answer	**optiona**
Marks:	**2**
1853	**ButtonGroup bg = new ButtonGroup(); is used to create group of**
A.	RadioButton
B.	Checkbox
C.	button
D.	None of the above
Answer	**optiona**
Marks:	**2**
1854	**Consider following code and state how many keyevent generated by this program** **import java.awt.event.*;** **import javax.swing.*;** **/* <applet code="KeyDemo.class " width=300 height=300> </applet> */** **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);** **}** ** }**
A.	4
B.	3
C.	2
D.	1
Answer	**optionb**
Marks:	**2**
1855	**Calling ServerSocket() constructor with port value 'zero' means_____.**
A.	use a port number that is automatically allocated.
B.	Don't assign PORT
C.	No Port required
D.	None of the above

Answer	**optiona**

Marks:	**2**

1856	All the _____ data is kept at the application server _____ data is kept at the web server?

A.	dynamic, static

B.	Local , Server

C.	Small , Large

D.	Large , Small

Answer	**optiona**

Marks:	**2**

1857	Arrange the steps in correct order to run JSP Program open text editor and type JSP program and store in same directory given above Open text editor type html program save it witn .html extension Save .html file in tomcat\webapps\ebanking

A.	1. Open text editor type html program save it witn .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

B.	1. open text editor and type JSP program and store in same directory given above 2. Open text editor type html program save it witn .html extension 3. Save .html file in tomcat\webapps\ebanking

C.	1. open text editor and type JSP program and store in same directory given above 2. Save .html file in tomcat\webapps\ebanking 3. Open text editor type html program save it witn .html e~

D.	None of the above

Answer	**optiona**

Marks:	**2**

1858	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: " + date + "
	");
	}
	date = new Date();
	hs.setAttribute("date", date);
	pw.println("Current date: " + date);
	}
	}

A.	missing package statement

B.	missing system.out.println()

C.	missing main() function

D.	Everything is ok

Answer	**optiona**

Marks:	**2**

1859	AdjustmentEvent class defines the integer constants that are

A.	BLOCK_DECREMENT

B.	BLOCK_INCREMENT

C.	UNIT_INCREMENT
D.	ALL THE ABOVE
Answer	**optiond**
Marks:	**1**
1860	**_____method is used to retrieve the host name associated with URL.**
A.	getHost()
B.	getHostName()
C.	getName()
D.	getURL()
Answer	**optiona**
Marks:	**1**
1861	**What does a DriverManager class do?**
A.	It manages the JDBC drivers that are installed on the system
B.	It Loads Driver
C.	It connects to database Table
D.	It connects to MySQL
Answer	**optiona**
Marks:	**1**
1862	**All java classes are derived from**
A.	javax.object
B.	java.object
C.	java.lang.Object
D.	java.lang
Answer	**optionc**
Marks:	**2**
1863	**A menu bar represents**
A.	A list of menus which can be added to the top of a top-level window
B.	Just a simle list
C.	A list that can be added anywhere
D.	None of the above
Answer	**optiona**
Marks:	**2**
1864	**To establish connection with database which method of DriverManager class is used?**
A.	getConnection()

B.	getSQLConnection()
C.	getQueryConnection()
D.	getMyConnection()
Answer	**optiona**
Marks:	**2**
1865	**To execute a stored procedure "totalStock" in a database server, which of the following code is used?**
A.	CallableStatement clbstmnt = con.prepareCall("{call totalStock}");
B.	CallableStatement clbstmnt = con.preparedCall("{call totalStock}");
C.	CallableStatement clbstmnt = con.preparedStatement("{call totalStock}");
D.	None of the above
Answer	**optiona**
Marks:	**2**
1866	**What is output of follow**