**Class Test – I**

**Question Bank**

**Advance Java Programming (AJP- 17625)**

**1) Which layout should you use to organize the components of a container in a tabular form?**

* 1. CardLayout
  2. BorederLayout
  3. FlowLayout
  4. GridLayout

**2.** **Which of these events is generated when a button is pressed?**a) ActionEvent  
b) KeyEvent  
c) WindowEvent  
d) AdjustmentEvent  
**3) How do you change the current layout manager for a container?**

a) Use the setLayout method  
b) Once created you cannot change the current layout manager of a component  
c) Use the setLayoutManager method  
d) Use the updateLayout method

**4. What does AWT stands for?**  
a) All Window Tools  
b) All Writing Tools  
c) Abstract Window Toolkit  
d) Abstract Writing Toolkit  
**5) Which method will cause a Frame to be displayed?**

* 1. show( )
  2. setVisible( )
  3. display( )
  4. displayFrame( )

**6) Which of the following creates a List with 5 visible items and multiple selection enabled?**

* 1. new List(5, true)
  2. new List(true, 5)
  3. new List(5, false)
  4. new List(false,5)

**7. Which of these package is used for graphical user interface?**  
a) java.applet  
b) java.awt  
c) java.awt.image  
d) java.io  
**8. Which of these packages contains all the classes and methods required for even handling in Java?**  
a) java.applet  
b) java.awt  
c) java.event  
d) java.awt.event  
**9. Which of the following is the default Layout Manager for an Applet?**

1. FlowLayout
2. BorderLayout
3. GridLayout
4. CardLayout

**10. A checkbox is a control that consists of a**

a.       Combination of a small box

b.      A label

c.       Combination of a large box and a label

d.      Both a & b

1. **Arranges the components as a deck of cards such that only one component is visible at a time**

a.       BorderLayout

b.      CardLayout

c.       GridLayout

d.      FlowLayout

**12. The Component class and MenuComponent class are the \_\_\_\_\_\_\_\_\_\_\_ which represent the GUI components.**

a.       Subclasses

b.      Superclasses

c.       Both a & b

d.      None of these

1. **The AWT classes can be roughly categorized into the following groups:**

a.       GUI Components

b.      Layouts

c.       Graphics Tools

d.      Event Handlers

e.       All of these

1. **A menu bar represents**

a.       A list of menus which can be added to the top of a top-level window

b.      A list of menus which can be deleted to the top of a top-level window

c.       A list of menus which can be added to the bottom of a bottom-level window

d.      None of these

1. Each menu is associated with a \_\_\_\_\_\_\_\_\_ list of menu items:

a.       Checkbox

b.      Drop-down

c.       Choice

d.      None of these

1. **The two types of menus which are given as follows:**

a.       Pop-up menus

b.      Regular menus

c.       Both a & b

d.      None of these

1. **The text field and text area controls create a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ area respectively**

a.       Single-line text

b.      Multi-line text

c.       Both a & b

d.      None of these

1. **Given the following code**

importjava.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.

1. **Suppose a Panel is added to a Frame and a Button is added to the Panel. If the Frame's font is set to12-point TimesRoman, the Panel's font is set to 10-point TimesRoman, and the Button's font is not set,what font will be used to dispaly the Button's label?**

A. 12-point TimesRoman.

B. 11-point TimesRoman.

C. 10-point TimesRoman.

D. 9-point TimesRoman.

1. **Which of the following are true?**

A. A Dialog can have a MenuBar.

B. MenuItem extends Menu.

C. A MenuItem can be added to a Menu.

D. A Dialog can be added to a Menu.

1. **Which method is used to determine the class of an object?**

A. getClass( ) method.

B. getObject( ) method.

C. getInet( ) method.

D. getVariable( ) method.

1. **What Checkbox method allows you to tell if a Checkbox is checked?**

A. getSize().

B. getStart().

C. getCheck().

D. getState().

1. **Which object is needed to group Checkboxes to make them exclusive?**

A. RadiobuttonGroup

B. CheckboxGroup

C. ControlGroup

D. GroupCheckbox

1. **Name the class used to represent a GUI application window, which is optionally resizable and can have a title bar, an icon, and menus. Select the one correct answer.**
   1. Window
   2. Panel
   3. Dialog
   4. Frame
2. **What is the difference between a TextArea and a TextField?**

A. A TextArea can handle multiple lines of text

B. A textarea can be used for output

C. TextArea is not a class

D. TextAreas are used for displaying graphics

1. **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
2. **What is the output of this 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.getLastModified);

}

}

Note: Host URL was last modified on june 18 tuesday2013 .

a) july

b) 18-6-2013

c) Tue 18 Jun 2013

d) Tue Jun 18 2013

1. **What is the output of this program?**

import java.net.\*;

class networking

{

public static void main(String[] args) throws UnknownHostException

{

InetAddress obj1 = InetAddress.getByName("sanfoundary.com");

InetAddress obj2 = InetAddress.getByName("sanfoundary.com");

boolean x = obj1.equals(obj2);

System.out.print(x);

}

}

a) 0

b) 1

c) true

d) false

1. **The web server then responds back to the  \_\_\_\_\_\_\_\_\_\_\_\_\_ accordingly:**
   1. Web browser
   2. Web server
   3. Server
   4. All of these
2. **\_\_\_\_\_\_\_protocol supports fast point to point datagram oriented model.**

A. TCP/IP.

B. UDP.

C. TCP.

D. IP.

1. **Which of the following properties are in BorderLayout?**

A. alignment

B. hgap

C. layout

D. vgap

E. visible

1. **Which of the following properties are in JFrame?**

A. JMenuBar

B. title

C. iconImage

D. resizable

E. contentPane

1. **To use no layout manager in a container c, use \_\_\_\_\_\_\_\_\_.**

A. c.setLayout(NullLayout)

B. c.setLayout(null)

C. c.setLayout()

D. c.setLayout(new NullLayout())

1. **\_\_\_\_\_ is used to receive input from the user.**

A. An option dialog

B. A confirmation dialog

C. A message dialog

D. An input dialog

1. **\_\_\_\_\_\_\_\_ is a low level routing protocol that breaks data into smaller packets.**

A. Transmission control protocol.

B. Internet protocol.

C. File transfer protocol.

D. User datagram protocol.

1. **\_\_\_\_\_\_\_\_\_\_are used to implement reliable, bidirectional, persistent point to point stream basedconnection.**

A. TCP/IP client socket.

B. FTP/IP client socket.

C. TCP/IP server socket.

D. FTP/IP server socket.

1. **What is the first part of URL address?**

A. Host name.

B. Port number.

C. File path.

D. Protocol.

1. **In the format of URL what is the last part?**

A. Protocol.

B. File path.

C. Port number.

D. Host name.

1. **The URL connection classes are good enough for simple programs that want to connect to \_\_\_\_\_\_server to fetch content**.

A. FTP.

B. TCP.

C. HTTP.

D. UDP.

1. **The constructor which is used to create client socket is \_\_\_\_\_\_\_\_\_\_\_\_.**

A. Socket(Inet Address, IP Address, int port).

B. ServerSocket(int port).

C. ServerSocket(int port, intmaxQueue).

D. Socket(Inet Address, int port).

1. **\_\_\_\_\_\_\_\_\_\_\_\_\_ are bundles of information passed between machines.**

A. Datagrams.

B. Sockets.

C. Client Sockets.

D. Datagram packet.

1. **The constructor which is used in server socket is\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

A. Socket (Inet Address, int port, IP Address).

B. Server Socket (int port).

C. Server Socket (intmaxQueue, Inet Address).

D. Server Socket(intmaxQueue, Inet Address localAddress).

1. **\_\_\_\_\_\_\_ method is used to examine the address and port information by the socket.**

A. getInetAddress().

B. localPort().

C. getPort().

D. getLength().

1. **To manage multiple client connections a server process must be -------------**

A. multiported.

B. effective.

C. efficient.

1. **Now a days we are using ----------- version of Internet addressing**

A. IPV2.

B. IPV3.

C. IPV4.

D. IPV5.

1. **If sockets have been invalidated ---------- are used to send and receive data.**

A. IP stream.

B. TCP.

C. UDP.

D. I/O stream.

1. **\_\_\_\_\_\_\_\_method returns the length of data contained in the byte array.**

A. getLength().

B. getLengthOf().

C. getDataLength().

D. getDataLengthOf().

1. **Which of these exception is thrown by URL class’s constructors?**

a) URLNotFound

b) URLSourceNotFound

c) MalformedURLException

d) URLNotFoundException

1. **Which of these methods is used to know host of an URL?**

a) host()

b) getHost()

c) GetHost()

d) gethost()

1. **Which of these methods is used to know the full URL of an URL object?**

a) fullHost()

b) getHost()

c) ExternalForm()

d) toExternalForm()

1. **Which of these class is used to encapsulate IP address and DNS?**

a) DatagramPacket

b) URL

c) InetAddress

d) ContentHandler

1. **What is the output of this program?**

import java.net.\*;

class networking

{

public static void main(String[] args) throws MalformedURLException {

URL obj = new URL("http://www.sanfoundry.com/javamcq");

System.out.print(obj.getProtocol());

}

}

a) http

b) https

c) www

d) com

1. **What is the output of this program?**

import java.net.\*;

class networking {

public static void main(String[] args) throws MalformedURLException {

URL obj = new URL("http://www.sanfoundry.com/javamcq");

System.out.print(obj.getPort());

}

}

a) 1

b) 0

c) -1

d) garbage value

**54. 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);

1. **What is the output of this program?**

import java.net.\*;

class networking

{

public static void main(String[] args) throws MalformedURLException {

URL obj = new URL("http://www.sanfoundry.com/javamcq");

System.out.print(obj.toExternalForm());

}

}

a) sanfoundry

b) sanfoundry.com

c) www.sanfoundry.com

d) <http://www.sanfoundry.com/javamcq>

1. **What is the output of the following program.**

import java.net.\*;

class URLDemo

{

public static void main(String args[]) throws MalformedURLException

{

URL netAddress= new URL("http://www.sun.com:8080/index.html");

System.out.println("Port :"+netAddress.getPort());

} }

A. 1

B. -1

C. 8080

D. None of the above

1. **Select the proper output for following code**

import java.awt.\*;

import java.applet.\*;

public class list2 extends Applet

{

public void init() {

List l= new List(2,true);

l.add("java");

l.add("c++");

l.add("kkk");

add(l);

}

} /\*<applet code=list2.class height=200 width=200> </applet> \*/

**a)**



**b)**

****

**c)**



d)

****

1. **Which components are used in the following output?**

****

A. Label, TextField, Button

B. Applet, Label

C. Applet, Button

D. Grid Layout, Label, Button

1. **Which of the following protocol provides reliable communication?**
2. TCP
3. UDP
4. Both a & b
5. None of the above