1) What will be the output of the following code

public class Myclass

{

public static void main(String args[]){

RuntimeException rte=null;

throw rte;

}

}

1. Compile time error, because main method does not declare that it throws RuntimeException in its declaration.

2. Compile time error, because it cannot throw rte.

3. The program will compile without an error.

4. Code will compile without an error, and will throw java.lang. RuntimeException when run.

2) Which of these classes do not generate item event?

1. Checkbox

2. CheckboxMenuItem

3. MenuItem

4. List

3) Which of the following facilitate implementing listener interfaces?

1. Event Listener

2. Event Adapter

3. Event Handler

4. Event Delegates

4) Which of the following statements is true?

1. Transient methods may not be overridden.

2. Transient methods must be overridden.

3. Transient classes may not be serialized.

4. Transient variables are not serialized.

5) Which would be most suitable for storing data elements that must not appear in the store more

than once, if searching is not a priority?

1. Collection.

2. List.

3. Set

4. Map

6) What will happen when you attempt to compile or run this code?

public class Mod

{

public static void main (String argv [] )

{}

public static native void amethod () ;

}

1. Error at compilation: native method cannot be static.

2. Error at compilation native method must return a value.

3. Compilation but error at run time unless you have made code containing native amethod available.

4. Compilation and execution without error.

7) What will happen when you attempt to compile or run this code?

private class Base {}

public class Vis

{

transient int iVal;

public static void main (String elephant [] )

{}

}

1. Compile time error: Base cannot be private.

2. Compile time error indicating that an integer cannot be transient.

3. Compile time error transient not a data type.

4. Compile time error malformed main method.

8) How do you indicate where a component will be positioned using FlowLayout ?

1. North, South, West, East.

2. Assign a row /column grid reference.

3. Pass a X/Y percentage parameter to the add method.

4. Do nothing. The FlowLayout will position the component.

9) How do you change the current layout manager for a container?

1. Use setLayout method.

2. Once created you cannot change the current layout manager of a component.

3. Use the setLayoutManager method.

4. Use the updateLayout method.

10) Which of the following fields of the GridBagConstraints class?

1. ipadx

2. fill

3. insets

4. gridwidth

11) What most closely matches the appearance when this code runs?

import java.awt.\* ;

public class ComLay extends Frame

{

public static void main (String argv [] )

{

CompLay cl = new CompLay () ;

}

CompLay ()

{

Panel p = new Panel () ;

p.setBackground (Color.pink) ;

p.add (new Button (“One”)) ;

p.add (new Button (“Two”)) ;

p.add (new Button (“Three”)) ;

add (“South”,p) ;

setLayout (new FlowLayout () ) ;

setSize (300, 300) ;

setVisible(true) ;

}

}

1. The buttons will run from left to right along the bottom of the frame.

2. The buttons will run from left to right along the top of the frame.

3. The buttons will not be displayed.

4. Only button three will show occupying all of the frame.

12) Which statements are correct about the *anchor* field?

1. It is a field of the GridBagLayout manager for controlling component placement

2. It is a field of the GrigBagConstraints class for controlling component placement

3. A valid setting for the anchor field is GridBagconstraints.NORTH.

4. The anchor field controls the height of the components added to a container.

13) The size of the Swing component is defined in which of the following units?

1. Inches

2. Centimeters

3. Pixels

4. Microns

14) The flow layout manager arranges components in which of the following?

1. Columns

2. Rows

3. Cells

4. North, South, East and West

15) Which of the following protocols does Java use for connection-oriented networking?

1. UDP

2. ICMP.

3. TCP.

4. RPC

16) What is the goal of java’s serialization facility?

1. To provide data protection from concurrent access.

2. To provide data persistence

3. To provide remote access to data

4. To improve performance.

17) Which two of the following interfaces are defined in the java.beans package?

A. PropertyChangeListener.

B. EventListener.

C. ActionListener.

D. VetoableChangeListener.

1. A, B

2. B, C

3. B, D

4. A, D

18) What tags are mandatory when creating HTML to display an applet

1. name, height, width

2. code, name

3. codebase, height, width

4. code, height, width

19) What is the permanent effect on the file system of writing data to a new FileWriter("report"), given the file report already exists?

1. The data is appended to the file

2. The file is replaced with a new file

3. An exception is raised as the file already exists

4. The data is written to random locations within the file

20) Swing text field is encapsulated by\_\_\_\_\_\_, which extends\_\_\_\_\_\_

1. JComboBox, ComboBox,

2. JTextField, JComponent

3. JTextComponent, JComponent

4. JTextField, Jcomponent

21) What is the effect of issuing a wait() method on an object

1. If a notify() method has already been sent to that object then it has no effect

2. The object issuing the call to wait() will halt until another object sends a notify() or notifyAll() method

3. An exception will be raised

4. The object issuing the call to wait() will be automatically synchronized with any other objects using the receiving object.

22) Using a FlowLayout manager, which is the correct way to add elements to a container:

1. add(component);

2. add("Center", component);

3. add(x, y, component);

4. set(component);

23) To delete a file, we can use an instance of class File.

1. True

2. False

24) A panel cannot be added to another panel.

1. True

2. False

25) Frames and applets cannot be used together in the same program.

1. True

2. False

26) What is wrong with the following code?

abstract class MyClass{

transient int var1;

synchronized int var2;

final void Myclass() {}

static void f() {}

}

1. Myclass can not be declared as abstract.

2. Var1 can not be declared as transient.

3. Var2 can not be declared as synchronized.

4. Nothing is wrong in the given line of code.

27) Which of these classes can have instances that can be added to a Menu Instance?

1. MenuItem

2. Menu

3. Checkbox

4. CheckboxMenuItem

1. 1,2,3

2. 2,3,4

3. 1,3,4

4. 1,2,4

28) Which of the following are valid return types, for listener methods:

1. boolean

2. the type of event handled

3. void

4. Component

29) Assuming we have a class which implements the ActionListener interface, which method should be

used to register this with a Button?

1. addListener(\*);

2. addActionListener(\*);

3. addButtonListener(\*);

4. setListener(\*);