Module: 5

1.------ is the one that calls itself. And...........is the one that never stops.

A. A recursive method, An infinite recursion

B. An infinite recursion,A recursive method

C. An infinite recursion, An infinite recursion

D. None of the above.

2. A Java I/O object is called a ----.

An object for reading data is called an --------- and an object for writing data is called an ....

A. input steam, output stream, Stream

B. input steam,Stream, output stream

C. Stream,output stream, input steam

D. Stream, input steam, output stream

3.Why is a raw type unsafe?

A. A raw type is unsafe, because some errors cannot be detected by the compiler.

B. A raw type is not unsafe.

C. None of the above

D. Both A and B

4. What is the time complexity for a bubble sort?

A. The time complexity for a bubble sort is O(n/2).

B. The time complexity for a bubble sort is O(n^2).

C. The time complexity for a bubble sort is O(n).

D. The time complexity for a bubble sort is O(n-1).

5.What is a priority queue?

A. In a priority queue, elements are not assigned with priorities. When accessing   elements, the element with the highest priority is removed first.

B. In a priority queue, elements are assigned with priorities. When accessing elements, the element with the highest priority is not removed first.

C. In a priority queue, elements are assigned with priorities. When accessing elements, the element with the highest priority is removed first.

 D. None of the above

6.Which method we use to give other runnable threads a chance to execute?

 a) Thread.yield()   b) Thread.wait() c) Thread.sleep() d) none

7.What is the default prioruty in java Thread ?

a. Thread.MIN_PRIORITY.

b. is Thread.NORM_PRIORITY (5).

c. Thread.MAX_PRIORITY.

d. Thread is Thread.NORM_PRIORITY (0).

8.Which keyword we used to stop corrupting data when more than single thread   is   running ---

a. Sleep

b. Break

c. Synchronized

d. Nothing of these

9.What method return a reference to its content pane?

a. getContentPane()

10.What method must a button listener implement?

a. actionListner()

11. What method of a frame's content pane is used to set layout manager?

a. setLayoutManager()

12. How does FlowLayout() put components into the content frame?

a. Starts at the top, then the left to right in each row.

13. which of the following opens the file "myData.stuff" for input?

a. FileInputStream file = new FileInputStream("myData.stuff")

14.which of the following best describes the use of the synchronized keyword?

a. Allows two process to run in paralell but to communicate with each other.

15.Which method give a line to read at a time?

  a. String line : textArea.getText().split("\\n"));

  1. Which method we call to read a line at a time?
     a) Read()
     b) readLine()
     c) input method
     d) above all
     Answer: b

16. Flash layout frame

17.Semantic event=>

ActionEvent, ItemEvent, AdjustmentEvent.

18.Which is not key listener? => KeyMoved()

    KeyListener are i) keyTyped(KeyEvent e)

                    ii) keyPressed(KeyEvent e)

                    iii) keyReleased(KeyEvent e)

19.Source stream is called ……….

Input stream

20.What is an action listener in Java?

ActionListener is an interface (not a class) that contains a single method: public void

actionPerformed(ActionEvent evt) ; A class that implements the interface must contain an

actionPerformed() method. The ActionEvent parameter is an Event object that represents an event (a button click).

----window

A method that calls itself is known as a recursive method.

23.Iteration of bubble short

Ans:We can create a java program to sort array elements using bubble sort.

Bubble sort algorithm is known as the simplest sorting algorithm.

24.Which is not mouse motion event-----
      ?

Which are mouse motion event?

mousemoved(MouseEvent e).

mousedragged(MouseEvent e).

25.Which is not key event---
    ?

Which are keyEvent?

KEY_PRESSED ,   KEY_RELEASED ,KEY_TYPED.

26. Component placed in rectangular grid

26.Component placed in rectangular grid Components are placed on this grid from left to right and top to bottom

27. Generic declaration syntax

Ans: Syntax to use generic collection :

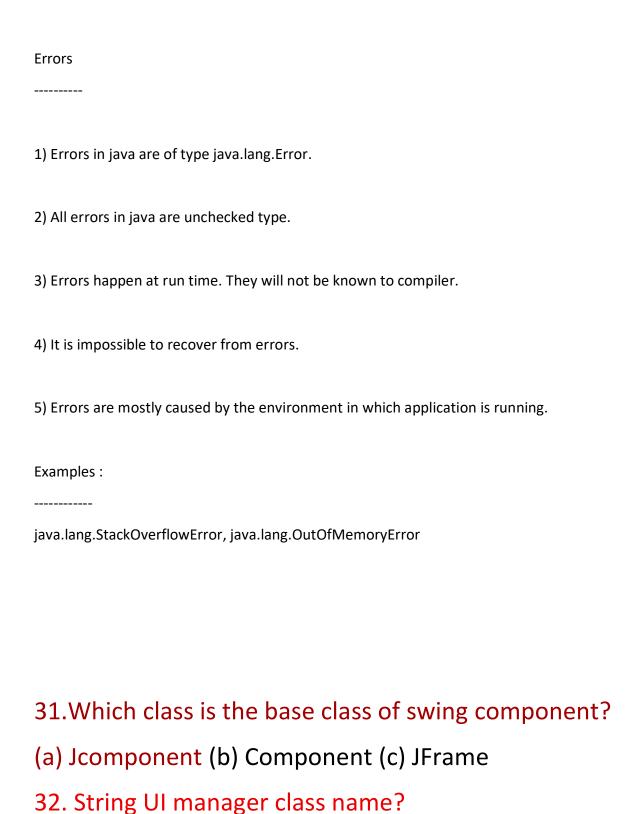ClassOrInterface<Type>

Example to use Generics in java

ArrayList<String>

28. Uniquely input data

29.Is vector same as array?

Ans: No.

30.Generic….. interrupted Error

30. Generic….. interrupted Error

=====================================

Ans: Error Vs Exception In Java :

1) Recovering from Error is not possible. The only solution to errors is to terminate the execution.

Where as you can recover from Exception by using either try-catch blocks or throwing exception back to caller.

2) You will not be able to handle the Errors using try-catch blocks. Even if you handle them using try-catch blocks,

 your application will not recover if they happen. On the other hand, Exceptions can be handled using

 try-catch blocks and can make program flow normal if they happen.

3) Exceptions in java are divided into two categories – checked and unchecked.

 Where as all Errors belongs to only one category i.e unchecked.

OR,

Below is the quick recap of above points.

Errors

----

1) Errors in java are of type java.lang.Error.

2) All errors in java are unchecked type.

3) Errors happen at run time. They will not be known to compiler.

4) It is impossible to recover from errors.

5) Errors are mostly caused by the environment in which application is running.

Examples :

----

java.lang.StackOverflowError, java.lang.OutOfMemoryError

31.Which class is the base class of swing component?

(a) Jcomponent (b) Component (c) JFrame

32. String UI manager class name?

setLookAndFeel(String className)

33.Flush ()

– to avoid specify read.

34.Display window

– set visible.

35.Class appearance component

 – look and feel.

36.Display window specific size and location

 – set bounce.

37.Default priority

 – NORM_PRIRITY

38.A). Which one is true?

a. 2 threads can share the same data when they share access to a   common object

 b. 2 threads can share the same data when they share access to a different object

 c. 2 threads can share the same data when they execute code from instance of the different class

38.B). Which one is true?

a. A newly created thread can be run automatically

b. A newly created thread cannot be run automatically

c. A newly created thread may be run automatically

39.Which layout managers are in javax.swing package?

 – Box Layout and Spring Layout.

40.Which layout manager put components in container like grid.

 – Grid Layout

41.What method of a frame return a reference?

---- getcontentPane();

42. What is represent element in a sequence?

21. What do not have title bar and border?

Ans : Every JComponent can have one or more borders.

Borders are incredibly useful objects that, while not themselves components,

know how to draw the edges of Swing components.