MCQ-QUESTIONS-5

Core Java Chapter-17 to 30

Advance Java chapter-17, 18

01/11/2018

1. ……………… is the one that calls itself. And ……. Is the one that never stops.

**Ans**: Recursive, an infinite recursive

1. An object for reading data is called an ………. And an object for writing data is called an …………

**Ans**: Input stream, output stream

1. Why is row type unsafe?

Ans: A raw type is unsafe because some errors cannot be detected by the compiler

1. What is the time complexity of bubble sort?

**Ans**: The time bubble sort is O(n2). The space complexity for bubble sort is O(1).

1. What is priority queue?

**Ans**: in a priority queue elements are assigned with priorities when accessing elements the elements with the highest priority is removed first

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

**Ans**: yield

1. What is the default priority in java thread?

**Ans**: NORM\_PRIORITY

1. Which keyword we use to stop corrupting data when more than single thread is running……..

**Ans**: Synchronized keyword.

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

**Ans**: getContentPane()

1. What method must a button listener implement?

**Ans**: actionListner()

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

**Ans**: setLayoutManager()

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

**Ans**: Starts at the top, then the left to right in each row.

1. which of the following opens the file “myData.stuff” for input?

**Ans**:FileInputStream file = new FileInputStream(“myData.stuff”)

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

**Ans**: Allows two process to run in paralell but to communicate with each other.

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

**Ans**: (a) BufferedReader() (b) RandomAccessFile().

1. Flash layout frame

**Ans**: Flash frame are usually inadvertent and result from either an editing mistake or an equipment problem.

1. Semantic event

**Ans**: (a) move (b) action (c) adjustment (d) item

1. Which is not key listener? =>

**Ans**: KeyMoved().

1. Source stream is called ……….

**Ans: Input stream.**

1. **Action listener method**

**A**ns: public void actionPerformed() {};

1. Which do not have title bar and border?

**Ans**: null layout.

1. What is recursive method?

**Ans**: A method that call itself is known as a recursive method and its technique is called recurtion.

1. Iteration of bubble short

**Ans**: Collection of (n-1).

1. Which is not mouse motion event

**Ans**: Choose without mouseMoved(mouseEvent e), mouseDragged(mouseEvent e) option.

1. Which is not key event

**Ans**: Choose withot keytyped(keyEvent e), keyPressed(keyEvent e) keyReleased(keyEvent e) option.

1. Component placed in rectangular grid
2. Generic declaration syntax

**Ans**: generic declaration syntax are <syntax>.

1. Uniquely input data

**Ans**:

1. Is vector same as array?

**Ans**: Yes.

1. Generic….. interrupted Error

**Ans**:

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

**Ans**: (a) **Jcomponent** (b) Component (c) JFrame

1. String UI manager class name?

**Ans**: public UIManager class extends object implements UIManager()

1. Flush () – to avoid specify read.

**Ans**:

1. Display window –

**Ans**: set visible.

1. Class appearance component –

**Ans**: look and feel.

1. Display window specific size and location –

**Ans**: set bounce.

1. Default priority –

**Ans**: NORM\_PRIRITY.

1. **Which is true for Thread –**

**Ans**: Threads share address space of share.

1. Which layout managers are in javax.swing package? –

**Ans**: Box Layout and Spring Layout.

1. Which layout manager put components in container like grid. –

**Ans**: Grid Layout.

1. What method of a frame return a reference?

**Ans**: getcontentPane()

1. What is represent element in a sequence?

**Ans**: We usually use the symbol an to represent a sequence, where n is a natural number and an is the value of the function on n. A sequence may be finite or infinite.

**Written Questions**

**Module-5**

1. What is the function of wait () and notify ()?

**Ans:** **Fucntion wait():** The wait() function will suspend execute of the calling thread until status information for one of its terminated child process is available terminate the process.

**Functon notify():** notify() wakes up a single thread that is waiting on this objects monitor.

1. What is deadlock?

**Ans:** Deadlock is a situation where a sort of processed are blocked because each process is holding a resource and waiting for another resource acquired some other process.

1. What is stream? How you classify them?

**Ans**: A stream basically a sequence of data. A stream can be thought of a channel connecting a processor or logic unit. Stream classified by their size.

1. What is collection? Write the type of collection.

**Ans**: The collection is a framework that provides an architecture to store and manipulate the group of object.

1. What is event handler?

**Ans**: An even handler typically is a software routine that process actions such a keystrokes and mouse movements.

1. What is the advantages of adapter class? Write down three adapter class.

**Ans**: The advantage of adapter class are increase the related patterns in a class. It provides a way to indicate related patterns in a class.

Three adapter class are:  **(a)** focus **(b)** mouse **(c)** window

1. What is the feature of Swing?

**Ans**: Swing offers two key feature (a) lightweight components (b) pluggable look and feel.

The feature available to all users are Metal, Windows and Motif.

1. What is layout manager?

**Ans**: The layout manager with BorderLayout. Example of border layout class are **(a)** GridLayout **(b)** FlowLayout **(c)** BoxLayout.

1. What are the two ways of creating thread?

**Ans**: **(a)** Extends the threads class, **(b)** Implementing the runnable interface.

1. Write down the thread states diagram.

