**Sri Mookambika Info Solutions Campus Drive**

**Round I:**

**Java Interview Questions:**

1. Which cannot directly cause a thread to stop executing?

* Calling the SetPriority() method on a Thread object.
* Calling the wait() method on an object.
* Calling notify() method on an object.
* Calling read() method on an InputStream object.

2. What will be the output of the program?

class Q207

{

public static void main(String[] args)

{

int i1 = 5;

int i2 = 6;

String s1 = “7”;

System.out.println(i1+i2+s1); /\*Line 8 \*/

}

}

* 18
* 117
* 567
* compile error

3. class X implements Runnable

{

public static void main(String args[])

{

/\* Missing code? \*/

}

public void run(){ }

}

which of the following line of code is suitable to start a thread?

* Thread t = new Thread(X);
* Thread t = new Thread(X); t.start();
* X run = new X(); Thread t = new Thread(run); t.start();
* Thread t = new Thread(); x.run();

4. Which will contain the body of the thread?

* run();
* start();
* stop();
* main();

5. In order for a source code file, containing the public class Test, to successfully compile, which of the following must be true?

* It must have a package statement
* It must be named Test.java
* It must import java.lang
* It must declare a public class named Test

6. Comparison/Logical operators are used for testing and magnitude

* TRUE
* FALSE

7. When two or more objects are added as listeners for the same event, which listener is first invoked to handle the event?

* The first object that was added as listener.
* The last object that was added as listener.
* There is no way to determine which listener will be invoked first.
* It is impossible to have more that one listener for a given event.

8. What is the preferred way to handle an object's events in Java 2?

* Override the object's handleEvent() method.
* Add one or more event listeners to handle the events.
* Have the object override its processEvent() methods.
* Have the object override its dispatchEvent() methods.

9. What tags are mandatory when creating HTML to display an applet?

* name, height, width
* code, name
* codebase, height, width
* code, height, width

10. Which of the following are direct or indirect subclasses of Component?

* Button
* Label
* CheckboxMenuItem
* Frame

11. Which are true about the Container class?

1. The validate() method is used to cause a Container to be laid out and redisplayed.
2. The add() method is used to add a Component to a Container.
3. The getBorder() method returns information about a Container's insets
4. The getComponent() method is used to access a Component that is contained in a Container.

12. The List component does not generate any events.

1. TRUE
2. FALSE

13. An application has a frame that uses a Border layout manager. Why is it probably not a good idea to put a vertical scroll bar at North in the frame?

1. The scroll bar's height would be its preferred height, which is not likely to be enough.
2. The scroll bar's width would be the entire width of the frame, which would be much wider than necessary.
3. Both a and b.
4. Neither a nor b. There is no problem with the layout as described.

14. What will be the output of the program?

int i=0, j=5;

tp: for(;;)

{

i++;

for(;;)

{

if(i > --j)

{

break tp;

}

}

System.out.println(“i = “ + I + “,j = “ + j);

}

1. i = 1, j = 0
2. i = 1, j = 4
3. i = 3, j = 4
4. compilation fails

15.

import java.awt.\*;

class Ticker extends Component

{

public static void main(String[] args)

{

Ticker t = new Ticker();

/\* Missing Statements ? \*/

}

}

which two of the following statements, inserted independently, could legally be inserted into missing section of this code?

1. Boolean test = (Component instanceof t);
2. boolean test = (t instanceof Ticker);
3. boolean test = t.instanceof(Ticker);
4. boolean test = (t.instanceof Component);
5. 1 and 4
6. 2 and 3
7. 1 and 3
8. 2 and 4

16. What will be the output of the program?

Public class Switch2

{

final static short x = 2;

public static int y = 0;

public static void main (String[] args)

{

for(int z=0; z<3; z++)

{

switch(z)

{

case y: System.out.print(“0”); /\*Line 11 \*/

case x-1: System.out.print(“1”); /\*Line 12 \*/

case x: System.out.print(“2”); /\*Line 13 \*/

}

}

}

}

1. 0 1 2
2. 0 1 2 1 2 2
3. compilation fails at line 11
4. compilation fails at line 12

17. You want a class to have access to members of another class in the same package, Which is the most restrictive access that accomplishes this objective?

1. public
2. abstract
3. protected
4. default access

18. Which class does not override the equals() and hashCode() methods, inheriting them directly from class Object?

1. java.lang.String
2. java.lang.Double
3. java.lang.StringBuffer
4. java.lang.Character

19. Which interface provides the capability to store objects using a key-value pair?

1. java.util.Map
2. java.util.Set
3. java.util.List
4. java.util.Collection

20. What is the numerical range of char data type?

1. 0 to 32767
2. 0 to 65535
3. -256 to 255
4. -32768 to 32767

**Round II:**

Programming Questions

1. Print the pattern

R

RA

RAM

RAMA

RAMAN

2. Print the patterns

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\* \* \*

\* \* \* \* \*

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3. Group Discussion on a program.

**Round III**

Student have to Submit a project or a program on his own. Technical Interview will be planned to test the application.