Q26. The "Singleton" design pattern \_\_\_

1 .Creates only one class of a particular type

2. Allows unified access to a single instance of a particular class

3. Should always be used in place of global variables

4. All of the above

Q27. Which type of variables cannot be serialized?

1 .transient

2. final

3. private .-

4. None of the above

Q28. What is the default port used by **RMI** Registry?

1. 1024

2. 1099

3. 8080

4. 0127

Q29. Which of the following class is thread safe?

1 .ArrayList

2. HashMap

3. Hashtable

4. HashSet

Q30. Which are the valid ways to create DatalnputStream streams?

1. new DatalnputStream();

2. new DatalnputStream("in.dat", IOrIO);

3. new DatalnputStream("in.dat")

4. new DatalnputStream(new FilelnputStream("in.dat"):

Q31. instanceof operator can be used with \_\_\_\_\_\_\_\_\_

1 .Arrays

2. Final Class

3. Classes

**4. All** of the above

Q32. 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?

1. Thread t = new Thread(X);

2. Thread t = new Thread(X); t.start();

3. Thread t = new Thread(); x.run();

4. X run = new X(); Thread t = new Thread(run);

Q33. Which of the following modifier can be applied to a class that is not a nested class?

1 .abstract

2. private

3. static

4. Final

Q34. Which of these lists contains at least one word that is not a Java keyword?

1. abstract, default, if, private, this

2. do, implements, protected, boolean, throw

3. import, break, double, exception, throws

4. byte, else, return, transient

Q35. Can we find the list of all the class and interface using java reflection?

1. Yes

2. ~o

3. Can't say

4. None of the above

Q36. Which of the following subclass of the Component class will display the MenuBar?

1. Window, Applet

2. Applet, Panel

3. Frame

4. Menu, Dialog

Q37. a. Entries are organized as key/value pairs

b. Duplicate entries replace old entries

Which interface of the java.util package offer the specified behaviour?

1. List

2. Map

3. Set

4. None of the above

Q38. public class CDAC{

public static void main(String a[]){

String s1 = "Sun";

System.out.println(s1.substring(5));

}

}

What is output?

1. -1

2. 0

3. StringlndexOutOfBoundsException

4. ArraylndexOutOfBoundsException

Q39. Which of the following modifiers can be applied to a constructor?

1. Private

2. abstract

3. volatile

4. All of the above

Q40. There are two computers are connected to internet, one computer is trying to open a socket connection to read the home page of another computer, what are the possible exceptions thrown while connection and reading InputStream?

1. IOException

2. MalformedURLException

3. Both 1 and 2

4. None of the above

Q41. class CDAC {

public static void main (String[] args) {

StringBuffer sb1 = new StringBuffer("ABC");

StringBuffer sb2 = new StringBuffer("ABC");

System.out.print("Prints:" +(sb1 ==sb2)+","+sb1.eq

uals(sb2));

}

}

What is the result of attempting to compile and run the program?

1. Prints: false, true

2. Prints: false, false

3. Prints: true, false

4. Prints: true, true

Q42. Which of the following is the valid placement constraint when using BorderLayout?

1. The string "NORTH"

2. BorderLayout.MIDDLE

3. BorderLayout.BOTTOM

4. BorderLayout.GENTER

Q43. class DAG {

public static void main(String[) s) {

String s1 = "A", s2 = " B ", s3 = "G";

s2.trim(); s3.concat("D");

System.out.print(s1 + s2 + s3);

}

}

What is the result of the program?

1. Prints: ABC

2. Prints: ABC

3. Prints: ABCD

4. Prints: ABDC

Q44. There are 20 threads are waiting in the waiting pool with same priority, how can you invoke 15th thread from the waiting pool?

1. By calling resumeO method

2. Calling callO method

3. By calling notify(15) method on the thread instance

4. None of the above

Q45. What will be the output of the program?

try

{

**int** x = 0;

**int** y = 5/ x

}

catch (Exception e)

}

**System** .out. **println(" Exception");**

}

catch (ArithmeticException ae)

System .out.println("finished");

1 .Finished

2. Exception

3. Compilation fails

4. Arithmetic Exception

Q46. void startO {

A a = new AO;

B b = new BO;

a.s(b);

b = null; j\* Line 5 *\*j*

a = null; j\* Line 6 *\*j*

System.out.println("start completed"); j\* Line 7 *\*j*

When is the 8 object created in line 3, eligible for garbage collection?

1 .after line 5

2. after line 6

3. after line 7

4. There is no way to be absolutely certain

Q47. What will be the output of the program?

class Equals

{

public static void main(String [] args)

int x = 100;

double y = 100.1;

boolean b = (x = y); /\* Line 7 \*/

System.out.println(b) ;

}

}

1. True

2. False

3. Compilation fails

4. An exception is thrown at runtime

Q48. Which modifer is uesd to stop overridding a method?

1 .final

2. static

3. abstract

4. None of the above

Q49. class A {A(int i) {}} II 1

class B extends A {} II 2

Which of the following statement is true?

1 .The compiler attempts to create a default constructor for class A

2. No any error, everything will work fine

3. Compile-time error at 1

4. Compile-time error at 2

Q50. method must be defined by a class implementing the java.lang.Runnable interface?

1 .void run()

2. public void runG

3. public void start()

4. void run(int priority)