Java Exit Test Date: 26/07/2017

ITC Infotech

1.

Which of the following is not true regarding abstract classes.

A Abstract class can have concrete methods.

B Abstract class cannot be instantiated.

C References cannot be created for abstract classes.

D Abstract class can be used to enforce overriding.

2.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ modifier is used to prevent Overriding.

A static

B final

C volatile

B transient.

3.

Given the following,

1. class B extends A {

2. int getID() {

3. return id;

4. }

5. }

6. class C {

7. public int name;

8. }

9. class A {

10. C c = new C();

11. public int id;

12. }

which two are true about instances of the classes listed above? (Choose two.)

A. A is-a B

B. C is-a A

C. A has-a C

D. B has-a A

E. B has-a C

4.

Which of the following implementation classes store key,value pairs.

A ArrayList

B Vector

C HashSet

D HashMap

5.

Which collection class allows you to grow or shrink its size and provides indexed access to its

elements, but whose methods are not synchronized?

A. java.util.HashSet

B. java.util.LinkedHashSet

C. java.util.List

D. java.util.ArrayList

E. java.util.Vector

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In the code:

ArrayList<**int**> al=**new** ArrayList<**int**>();

al.add(12);

System.out.println(12);

a) prints 12

b) compile time error

c) when <int> is removed compiles fine

d) b and c are right

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1. class MyThread extends Thread {

2.

3. public static void main(String [] args) {

4. MyThread t = new MyThread();

5. t.start();

6. System.out.print("one. ");

7. t.start();

8. System.out.print("two. ");

9. }

10.

11. public void run() {

12. System.out.print("Thread ");

13. }

14. }

what is the result of this code?

A. Compilation fails

B. An exception occurs at runtime.

C. Thread one. Thread two.

D. The output cannot be determined

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void m1()

{

//Statement 1

//Statement 2

}

Which of the following are valid ways of synchronizing the above code.

A make m1 as synchronized.

B enclose statements within synchronized(this){ }.

C enclose statements within synchronized(){ }.

D All the above

9 Which of the following is marker interface.

A Comparator

B Comparable

C Serializable

D Runnable

1. Which of the following statements are true regarding.

Class.forName(<Jdbc driver fully qualified class name>)

A Loads the Jdbc Driver class.

B Creates an instance of jdbc class.

C Throws ClassNotFoundException

D Creates Connection to database.

10 Which of these is a thin driver?

A JdbcOdbc Driver Bridge

C Partly java native driver

D Network compliant java Driver

E Type 4 Pure Java Driver

11 Which of the following interfaces have executeQuery and executeUpdate methods.

A ResultSet

B Statement

C Connection

D PreparedStatement.

12 What is the output of the following

public class Demo{

public static void main(String[] s){

int x=12,y=12,z;

try{

z=x/(x-y);

System.out.println(“first”);

}

System.out.print(“ exception thrown”);

catch(ArithmeticException e)

{

System.out.println(“caught”);

}

System.out.println(“End”);

}

A caught

B compilation fails

C caught End

D first End

13.

Which of the following is a checked exception.

A NullPointerException

B ArithmeticException

C FileNotFoundException

D NumberFormatException

14

Which of the following Classes when instantiated creates a new file.

A File

B FileReader

C FileWriter

D FileInputStream

15

Which of the following statements is a pre compiled statement in JDBC.

A Statement

B PreparedStatement

16

Which of the following interfaces do not have a get method

A Map

B List

C Set

D Collection

17

What is the output?

List<Integer> l1=**new ArrayList<Integer>();**

l1.add(1); l1.add(2);l1.add(3);

l1.remove(1);

System.*out.println(l1);*

*Ans: [1,3]*

18

Which of these interfaces is implemented when storing the objects in a TreeMap or TreeSet.

A Comparator

B Comparable

C Both A and B

D Neither of these

19

Which of these are not methods of Thread class?

A sleep

B wait

C join

D run

E notify

20

Which of these methods of Object class have to be overridden for customized bucketing of the Java objects.

A equals()

B hashCode()

C toString()

D getClass()