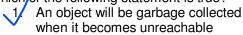


Question Paper J2SE- Core Java

Q. No. 1

Which of the following statement is true?



- 2. An object will be garbage collected if it has null assigned to it
- 3. The finalize method will be run before an object is garbage collected
- 4. Garbage collection assures that a program will never run out of memory

Correct Answer: 1

Q. No. 2

The command 'codebase' is used in applets

- 1. When the applet class file is not in the same directory
- 2. When the applet class file is in the same directory
- 3. When we need to get the parameters of the applet
- 4. None of the above

Correct Answer: 4

Q. No. 3

Given the following code, which of the following option if inserted after the comment //here will allow the code to compile without error?

```
interface Remote{
        public void test();
public class Moodle{
        public static void main(String argv[]){
        Moodle m = new Moodle();
        public void go(){
        //here
```

- 1. Remote r = new Remote(){ public void test(){} };
- Remote remote = new Remote();
- test();
- 4. this.main();

Correct Answer: 1

Q. No. 4

Which of the following initializes boolean primitive?

- 1. Boolean flag=true;
- boolean flag=true;
- boolean flag=TRUE;
- 4. Boolean flag=TRUE;

Correct Answer: 2

Q. No. 5

Which of the following is not correct?

- 1. int a [][] = new int [20][20];
- 2. int [] a [] = new int [20][];
- 3. int[][] a = new int[10][];
- 4. int $\lceil \rceil \rceil \rceil$ a = new int $\lceil \rceil \lceil 10 \rceil$;

Correct Answer: 4

Q. No. 6

instanceof operator can be used with _

- 1. Arrays
- 2. Final Class
- 3. Classes
- 4. All of the above

Correct Answer: 4

Q. No. 7

The switch() construct is used to make a choice based upon

- 1. char value
- 2. An int value
- 3. A String value
- 4. None of the above

Correct Answer: 1

Q. No. 8

public class CDAC{ public static void main(String a[]){ String s1 = "Sun"; System.out.println(s1.substring(5));

What is output?

- 1. -1
- 3. StringIndexOutOfBoundsException
- 4. ArrayIndexOutOfBoundsException

Correct Answer: 3

Q. No. 9

Which of the following modifiers can be applied

to a constructor?

Constructors can have access 1. Private modifiers such as public, private,

2. abstract

protected, or no modifier at all volatile

- 4. All of the above

Correct Answer: 1

Q. No. 10

Which of the following class is thread safe?

- 1. ArrayList
- 2. HashMap
- 3. Hashtable
- 4. HashSet

Correct Answer: 3

Correct Answer: 2



```
Q. No. 11
                                                       Q. No. 16
                                                       Which type of variables cannot be serialized?
class DAC {
                                                           1. transient
       public static void main(String[] s) {
                                                           2. final
       String s1 = "A", s2 = "B", s3 = "C";
                                                           3. private
       s2.trim(); s3.concat("D");
                                                           4. None of these
        System.out.print(s1 + s2 + s3);
                                                       Correct Answer: 1
                                                       Q. No. 17
What is the result of attempting to
                                                       There are two computers are connected to
                                                       internet, one computer is trying to open a socket
compile and run the program?
                                                       connection to read the home page of another
    1. Prints: ABC
                                                       computer, what are the possible exceptions
    2. Prints: A B C
                                                       thrown
    3. Prints: ABCD
                                                       while connection and reading InputStream?
    4. Prints: ABDC

    IOException

Correct Answer: 2
                                                           2. MalformedURLException
                                                           3. Both 1 and 2
                                                           4. None of the above
Q. No. 12
                                                       Correct Answer: 3
class A {A(int i) {}} // 1
class B extends A {} // 2
Which of the following statement is true?
                                                       Q. No. 18
    1. The compiler attempts to create a
                                                       class CDAC {
       default constructor for class A
                                                       public static void main (String[] args) {
    2. No any error, everything will work fine
                                                               StringBuffer sb1 = new
    3. Compile-time error at 1
                                                       StringBuffer("ABC");
    4. Compile-time error at 2
                                                               StringBuffer sb2 = new
Correct Answer: 4
                                                       StringBuffer("ABC");
                                                               System.out.print("Prints:"+(sb1==sb2)+",
Q. No. 13
                                                       "+sb1.equals(sb2));
Inner classes can not declare
                                  variables
    1. static
                   The delete() method of
   protected
                                                       What is the result of attempting to compile and
                  java.io.File is used to
    final
                                                       run the program?
                  delete a file or directory. It
   4. transient
                                                           1. Prints: false, true
                  returns true/False . If the
Correct Answer: 1 file is a directory, it must be
                                                           2. Prints: false, false
                                                           3. Prints: true, false
                   empty in order to be deleted
Q. No. 14
                                                           4. Prints: true, true
Please select a true statement about delete()
                                                       Correct Answer: 2
method of java.io.File.
   1. It can delete a file
                                                       Q. No. 19
   2. It can delete an empty directory
                                                       How many methods are defined in the
   3. Both of the above
                                                       Cloneable interface?
    4. Neither of the above
                                                           1. None
Correct Answer: 3
                                                           2. One
                                                           3.
                                                              Two
                                                           4. None of the above
Q. No. 15
                                                       Correct Answer: 1
       Entries are organized as key/value pairs
                                                       Q. No. 20
       Duplicate entries replace old entries
                                                       The term "instance variable" is another name for
Which interface of the java.util package offer the
specified behaviour?
                                                               Static field
    1. List
                                                           2. Non-static field
    2. Map
                                                           3. Local variable
    3. Set
                                                           4. None of the above
    4. None of the above
```

Correct Answer: 2