PRISTINE INFORMATION SERVICES PRIVATE LIMITED

Name: Contact No:

Multiple Choice Question

- 1) In which memory a String is stored, when we create a string using new operator?
 - a. Stack
 - b. String memory
 - c. Heap memory
 - d. Random storage space
- 2) Given that Book is a class, how many reference variables and objects are created by the following code?

```
Book bookName, bookId;
bookName=newBook();
Book book_class=newBook();
```

- a. Two reference variables and two objects are created.
- b. One reference variable and two objects are created.
- c. Three reference variables and three objects are created.
- d. Three reference variables and two objects are created.
- 3) If three threads trying to share a single object at the same time, which condition will arise in this scenario?
 - a. Time-Lapse
 - b. Race condition
 - c. Critical situation
 - d. Recursion
- 4) What is the result of the following program?

public static synchronized void main(String[] args) throws

```
InterruptedException{
    Threadf=newThread();
    f.start();
    System.out.print("A");
    f.wait(1000);
    System.out.print("B");
}
```

- a. It prints A and B with a 1000 seconds delay between them
- b. It only prints A and exits
- c. It only prints B and exits

b. 23c. 20d. 25

7) Output Of A Program

class ABCD

if (s1 == s2)

public static void main(String args∏)

String sl = new String("javaprogram"); String s2 = new String("javaprogram");

System.out.println("Equal");

System.out.println("Not equal");

- d. A will be printed, and then an exception is thrown.
- 5) What will be the output of the following program?

```
public class Test{
       public static void main(String ☐ args){
               int count = 1;
               while (count <= 15) {
                  System.out.println(count % 2 == 1? "***": "+++++");
                  ++count;
               }
           }
       }
   a. 15 times ***
   b. 15 times +++++
   c. 7 times *** and 7 times +++++
   d. 8 times *** and 7 times +++++
6) Evaluate the following Java expression, if x=3, y=5, and z=10:
       ++z + y - y + z + x++
   a. 24
```

```
a) Equal
```

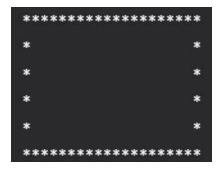
b) Not equal

```
8)
       class access
           public int x;
           private int y;
           void cal(int a, int b)
              x = a + 1;
              y = b;
        public class access_specifier
           public static void main(String args∏)
              access obj = new access();
              obj.cal(2, 3);
              System.out.println(obj.x + " " + obj.y);
        }
       a) 33
       b) 23
       c) Runtime Error
       d) Compilation Error
```

Programming Skills

Attempt Any 2

- 9.) WAP for a Selection Sort?
- 10.) WAP to print a Hollow Square Star Pattern?



11.) WAP to insert/write content at specific position in file in java?