

Roll No:

Name:

MM: 10 Time: 10 Min

Q1. 

```
class Counter{ static int count=0;
    Counter(){
        count++;
        System.out.println(count); }
    Counter c1=new Counter();
    Counter c2=new Counter(); }}
```

OUTPUT: 1 2

Q2. 

```
class A{
    int x=15;
    public static void main(String args[]){
        System.out.println(x); } }
```

OUTPUT: Compile T. Error

Q3. The *static* keyword is used in the *public static void main (String args[])* declaration in JAVA. Choose the correct option.

(A) To enable the JVM to make call to the main(), as class has not been instantiated.

(B) To enable the JVM to make call to the main (), as class has not been inherited.

(C) To enable the JVM to make call to the main(), as class has not been loaded.

(D) To enable the JVM to make call to the main(), as class has not been finalized.

Q4. 

```
class Math {
    int cube(final int n)
    {    n=n+5;
        System.out.println ( n*n*n);    }
    public static void main (String args[])
    {    Math b=new Math ();
        b.cube(5);    } }
```

OUTPUT: Compile T. Error

Q5. 

```
class Book { int id;
    String name;
    Book( int id, String name)
    {    id = id;
        name = name;    }
    void display(){System.out.println(id+" "+name);}
    public static void main(String args[])
    {    Book bob1 = new Book(1,"Abc");
        bob1.display();    } }
```

OUTPUT: 0 NULL

Q6. Write any two uses of *JVM*.

6.1) • Loads code • Verifies code • Executes code • Provides runtime environment

Q7. Write any two uses of *super* keyword.

7.1) To invoke constructor of parent class. 7.2) To access the variables of parent class

Q8. What will be the output of the below statements?

```
String s1 = "JAVA";
String s2 = "JAVA";
String s3 = new String("JAVA");
System.out.print(s1 == s2);
System.out.print(s1 == s3);
```

OUTPUT: True False

Q9. An interface method can be declared as final?

TRUE/FALSE

Q10. In run time polymorphism, method invocation is determined by the compiler at run time. TRUE/FALSE

Student Signature

Mark Obtained

CI Signature  
(Yogendra Mohan)