**Technical Quiz on Operators**

**Question 1: What will be the output of the following program?**

**public class Rules {  
    public static void main(String[] args) {  
    System.out.println(10 \* 5 + 100 \* (25 \* 11) / (25 \* 10) \* 10 - 5 + 7 % 2);  
    int zx = (10 \* 5 + 100 \* (25 \* 11));  
    int yz = ((25 \* 10) \* 10 - 5 + 7 % 2);  
    System.out.println(zx / yz);  
    }  
}**

1. 1046  
   1046
2. 1046  
   10
3. 1146  
   1146
4. 1146  
   11

**Answer: D**

**Question 2: What will be the output of the following program?**

**class IncDec  
{  
    public static void main(String s[])  
    {  
          
        int a = 1;  
        int b = 2;  
        int c;  
        int d;  
  
        c = ++b;  
        d = a++;  
  
        c++;  
  
        System.out.println("a = " + a);  
        System.out.print("b = " + b);  
        System.out.println("c = " + c);  
        System.out.print("d = " + d);  
    }  
}**

1. a=2  
   b=3 c=4  
   d=1
2. a=2  
   b=3  
   c=4  
   d=1
3. Program does not compile
4. a=1  
   b=2c=4  
   d=2

**Answer: A**

**Question 3: What will be the output of the following program?**

**class MyClass  
{  
    public static void main(String s[])  
    {  
        int i = 4;  
        int j = 21;  
  
        int k = ++i \* 7 + 2 - j--;  
  
        System.out.println("k = " + k);  
    }  
}**

1. k= 16
2. Program does not compile
3. k= 11
4. k= 17

**Answer: A**

**Question 4: What will be the output of the following program?**

**public class Hikes {  
  
    public static void main(String[] args) {  
        int dailywage = 4;  
        int number\_of\_days = 5;  
        int salary = number\_of\_days++ \* --dailywage \* dailywage++ \* number\_of\_days--;  
        salary -= dailywage;  
        System.out.println(dailywage  +" "+ number\_of\_days + " " + salary);  
    }  
}**

1. 4 5 270
2. 4 6 266
3. 4 5 266
4. Compilation Error

**Answer: C**

**Question 5: What will be the output of the following program?**

**public class DemoOnOperators   
{  
    public static void main(String[] args)   
    {  
        int input = 7;  
        int output = ++input + input++ + ++input;  
        System.out.println(output);  
    }  
}**

1. 26
2. 27
3. 20
4. Compilation Error

**Answer: A**

**Question 6: What will be the output of the following program?**

**public class DemoOnOperators   
{  
    public static void main(String[] args)   
    {  
        int i, j, k, l = 0;  
        k = l++;  
        j = ++k;  
        i = j++;  
        System.out.println(i +" "+  j +" "+  k +" "+  l);  
    }  
}**

1. 1 1 2 2
2. 1 2 1 2
3. 1 2 1 1
4. 1 1 2 1

**Answer: C**

**Question 7: What will be the output of the following program?**

**class Modulus  
{  
    public static void main(String s[])  
    {  
        int x = 42;  
        double y = 42.25;  
  
        System.out.println("x mod 10 = " + x % 10 );  
        System.out.println("y mod 10 = " + y % 10 );  
    }  
}**

1. x mod 10 = 2y mod 10 = 2.25
2. x mod 10 = 2  
   y mod 10 = 0
3. Program does not compile since we can find modulus only for integers.
4. x mod 10 = 2  
   y mod 10 = 2.25

**Answer: D**

**Question 8: What is the output of the following program?**

**public class GuessOutput {  
    public static void main(String[] args) {  
        int a = 56;  
        int b = -8;  
        int c = a % b;  
        int d = b % a;  
        System.out.println(c + ", " + d);  
    }  
}**

1. -7, -8
2. 0, -8
3. -7, 8
4. 7, -8

**Answer: B**

**Question 9: What will be the output of the following program?**

**class MyClass  
{  
    public static void main(String s[])  
    {  
        int i = 34.0;  
        int j = 7;  
 int i = i --;**

**int j = --j;  
 int k = i % j;  
  
        System.out.println("k = " + k );  
  
    }  
}**

1. 3
2. 5
3. Program doesn’t compile
4. 6

**Answer: C**

**Question 10: Which of the following statements is true?**

**1.When a = 5 the value of a % 2 is same as a – 4  
2. When a = 3 the value of a \* 3 \* 3 is greater than ( a + 10 ) \* 3  
3. When a = 7 the value of a \* 7 \* 3 is greater than ( a \* a + 7 \* a + 3 )**

1. All of them
2. 1 and 3
3. Only 1
4. 2 and 3

**Answer: B**