

Post Quiz OOP Day-2 ('Copy')

Total Questions: 10

Most Correct Answers: #6

Least Correct Answers: #1

1. Output of the following code snippet

- 10/14 ☒ A Odd
- 2/14 ☐ B Prime
- 2/14 ☐ C Odd Prime
- 0/14 ☐ D Error

```
class NumberDescription {
    public static void main(String s[])
    {
        int number = 5;
        switch(number)
        {
            case 2:
            case 4:
            case 6:
            case 8:
                System.out.println("even");
                break;
            case 1:
            case 3:
            case 5:
            case 7:
            case 9:
                System.out.println("odd");
                break;
            case 2:
            case 3:
            case 5:
            case 7:
                System.out.println("prime");
                break;
            case 4:
            case 9:
                System.out.println("perfect square");
                break;
            default:
                System.out.println("can only describe numbers from 1 to 9");
        }
    }
}
```

2. Output of the following code snippet

- 3/14 ☒ A Error
- 0/14 ☐ B 10Hello
- 11/14 ☐ C Hello10
- 0/14 ☐ D Hello 10

```
class Test{
    public static void main(String[] args) {
        int world = "10";
        System.out.println("Hello" + world);
    }
}
```

3. How many times does the statement block inside the do while loop at-least execute?

- 0/14 ☐ A 0
- 11/14 ☒ B 1
- 0/14 ☐ C Infinite times
- 3/14 ☐ D Can't say; Depends on the iterative variable.

4. Output of the following code snippet

- 10/14 ☒ A MSIT
- 2/14 ☐ B Error
- 2/14 ☐ C MSIT(infinite times)
- 0/14 ☐ D No output at all

```
public class Solution {
    public static void main(String[] args) {
        int i = 0;
        do {
            System.out.println("MSIT");
        } while(i != 0);
    }
}
```

5. Output of the following code snippet

- 11/14 ☒ A -29.5
2/14 ☐ B -29.5f
0/14 ☐ C 29.5f
1/14 ☐ D 29.5

```
float a = 45f;  
float b = 15.5f;  
System.out.println(b-a);
```

6. Output of the following code snippet

- 0/14 ☐ A 64 32 16 8 4 2
14/14 ☒ B 32 16 8 4 2 1
0/14 ☐ C Infinite Loop
0/14 ☐ D Error

```
for(int i=32;i>0;i=i/2)  
{  
    System.out.println(i);  
}
```

7. Output of the following code snippet

- 0/14 ☐ A 5 4 3 2 1 0
11/14 ☒ B 0 1 2 3 4
2/14 ☐ C Error; Can't have break statement inside do-while loop.
1/14 ☐ D 0 1 2 3 4 5

```
public class Main  
{  
    public static void main(String[] args) {  
        int i = 0;  
        do {  
            if (i == 5) {  
                break;  
            }  
            System.out.println(i);  
            i++;  
        } while (i <= 10);  
    }  
}
```

8. We can have any number of logical operations written in test condition for any of the loops and control statements.

- 14/14 ☒ A True
0/14 ☐ B False

9. Output of the following code snippet at line number 8.

- 0/14 ☒ A 10 9
0/14 ☐ B 9 10
10/14 ☐ C 10 11
1/14 ☐ D 11 10
3/14 ☐ E 10 10

```
1 public class Main  
2 {  
3     Run | Debug  
4     public static void main(String[] args) {  
5         int a = 10;  
6         int b = a++;  
7         System.out.println(a + " " + b);  
8         a = b--;  
9         System.out.println(a + " " + b);  
10        a = b++;  
11        System.out.println(a + " " + b);  
12        b = b--;  
13        a = a++;  
14        System.out.println(a + " " + b);  
15    }  
16 }
```

10. Which one of the following gives value of variable. (Assume passenger variable is defined and initialized with int data type.)

14/14

☒ A System.out.println(passenger);

0/14

☐ B System.out.println(PASSENGER);

0/14

☐ C System.out.println("passenger");

0/14

☐ D System.out.println("PASSENGER");