

# Rajalakshmi Engineering College

Name: Himesh Niranjan A  
Email: 240701192@rajalakshmi.edu.in  
Roll no: 240701192  
Phone: 9444103224  
Branch: REC  
Department: CSE - Section 10  
Batch: 2028  
Degree: B.E - CSE

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## 2024\_28\_III\_OOPS Using Java Lab

### 2028\_REC\_OOPS using Java\_Week 1\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 11

#### **Section 1 : MCQ**

- What is the output of the following code?

```
class TestClass {  
    public static void main(String[] args) {  
        int count = 8;  
        count = count ^ 1;  
  
        System.out.println(count);  
    }  
}
```

**Answer**

4

**Status : Wrong**

**Marks : 0/1**

2. What will be the output of the following code snippet?

```
import java.util.*;  
  
class OperatorPrecedenceExample {  
    public static void main(String[] args) {  
        int a = 5, b = 3, c = 2;  
        int result = a + b * c;  
  
        System.out.println(result);  
    }  
}
```

**Answer**

11

**Status : Correct**

**Marks : 1/1**

3. What will be the output of the following code?

```
import java.util.*;  
  
class TernaryOperatorExample {  
    public static void main(String[] args) {  
        int a = 5, b = 10;  
        int result = (a > b) ? a : b;  
        System.out.println(result);  
    }  
}
```

**Answer**

Undefined behavior

**Status : Wrong**

**Marks : 0/1**

4. What will be the output of the following program?

```
class DataTypesMCQ {  
    public static void main(String[] args) {
```

```
        int a = 10;
        double b = 5;
        System.out.println(a / b);
    }
}
```

**Answer**

2.0

**Status :** Correct

**Marks :** 1/1

5. Which of the following data types is used to store floating-point numbers with greater precision?

**Answer**

double

**Status :** Correct

**Marks :** 1/1

6. What is the output of the following program?

```
class Arithmetic {
    public static void main(String[] args) {
        char ch = 'A';
        System.out.println(ch);
    }
}
```

**Answer**

A

**Status :** Correct

**Marks :** 1/1

7. What is the result of the following expression?

```
import java.util.*;
class ComplexExpressionExample {
```

```
public static void main(String[] args) {  
    int a = 5, b = 2, c = 3, d = 4;  
    int result = a + b * c / d - b;  
  
    System.out.println(result);  
}  
}
```

**Answer**

4

**Status : Correct**

**Marks : 1/1**

8. What will be the output of the following code snippet?

```
class DivisionExample {  
    public static void main(String[] args) {  
        double num1 = 10.5;  
        double num2 = 3;  
        int result = (int)(num1 / num2);  
        System.out.println(result);  
    }  
}
```

**Answer**

3

**Status : Correct**

**Marks : 1/1**

9. Which of the following is not a primitive data type?

**Answer**

string

**Status : Correct**

**Marks : 1/1**

10. Which of the following data types is used to store single characters?

**Answer**

char

**Status : Correct**

**Marks : 1/1**

11. What is the output of the following program?

```
class Demo {  
    public static void main(String[] args) {  
        String text = "Hello, World!";  
        System.out.println(text);  
    }  
}
```

**Answer**

Hello, World!

**Status : Correct**

**Marks : 1/1**

12. What is the output of the following code?

```
class TestClass {  
    public static void main(String[] args) {  
        int a = 5;  
        int b = 10;  
  
        int sum = a + b;  
        int bitwiseAnd = a & b;  
        int bitwiseOr = a | b;  
  
        System.out.println(sum);  
        System.out.println(bitwiseAnd);  
        System.out.println(bitwiseOr);  
    }  
}
```

**Answer**

15015

Status : Correct

Marks : 1/1

13. What is the output of the following code?

```
class TestClass {  
    public static void main(String[] args) {  
        int a = 10;  
        int b = 3;  
        System.out.println(a / b);  
    }  
}
```

Answer

3

Status : Correct

Marks : 1/1

14. What is the output of the following code?

```
import java.util.*;  
  
class RelationalOperatorExample {  
    public static void main(String[] args) {  
        int x = 8, y = 4;  
        boolean result = (x != y);  
  
        System.out.println(result);  
    }  
}
```

Answer

false

Status : Wrong

Marks : 0/1

15. What is the output of the following code?

```
class TestClass {
```

```
public static void main(String[] args) {  
    int x = 5;  
    int X = 10;  
  
    int sum = x + X;  
    int bitwiseResult = x | X;  
  
    System.out.println(sum);  
    System.out.println(bitwiseResult);  
}  
}
```

**Answer**

510

**Status : Wrong**

**Marks : 0/1**