

Rajalakshmi Engineering College

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Department: AI & DS - Section 1

Batch: 2028

Degree: B.E - AI & DS

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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 : 13

Section 1 : MCQ

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

Answer

float

Status : Wrong

Marks : 0/1

2. 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

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

Answer

char

Status : Correct

Marks : 1/1

4. 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

16

Status : Wrong

Marks : 0/1

5. 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

6. 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

true

Status : Correct

Marks : 1/1

7. 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

8. 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

9. 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

10. 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

11. 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

10

Status : Correct

Marks : 1/1

12. 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

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

Answer

string

Status : Correct

Marks : 1/1

14. 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

1515

Status : Correct

Marks : 1/1

15. 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

9

Status : Correct

Marks : 1/1