Rajalakshmi Engineering College

Name: VISHVA RAGAVAN P
Email: 241501249@rajalakshmi.edu.in
Roll no: 241501249
Phone: 6381117385
Branch: REC
Department: AI & ML - Section 4
Batch: 2028
Degree: B.E - AI & ML

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 is not a primitive data type?

Answer

double

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 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*

4. 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*

5. 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*

6. 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

7.   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*

8.   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*

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

Answer

double

Status : Correct   **Marks : 1/1**

10. 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**

11. 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**

12. 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*

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

Answer

char

Status : Correct   *Marks : 1/1*

14. 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*

15. 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

1.8181818181818181

Status : Wrong   **Marks : 0/1**