Rajalakshmi Engineering College

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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 : 15

Section 1 : MCQ

1. What is the output of the following code?

```java
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*

2. 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*

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

Answer

double

Status : Correct   *Marks : 1/1*

4. 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*

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

Answer

string

Status : Correct   *Marks : 1/1*

6. 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*

7. 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*

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

Answer

char

Status : Correct   *Marks : 1/1*

9. 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*

10. 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*

11. 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*

12. 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

13. 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

14. 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

15. 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*