Rajalakshmi Engineering College

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2024_28_III_OOPS Using Java Lab

2028_REC_OOPS using Java_Week 2_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 14

Section 1 : MCQ

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

```java
class Loop {
    public static void main(String[] args) {
        for (int i = 1; i <= 3; i++) {
            for (int j = 1; j <= 2; j++) {
                System.out.print(i + "" + j + " ");
            }
        }
    }
}
```

Answer

11 12 21 22 31 32

Status : Correct   *Marks : 1/1*

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

```java
class ConditionTest {
    public static void main(String[] args) {
        int x = 10;
        if (x > 5)
            System.out.print("High");
    }
}
```

Answer

High

Status : Correct   *Marks : 1/1*

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

```java
class Test {
    public static void main(String[] args) {
        int a = 4, b = 5;
        if ((a + b) % 2 == 0)
            System.out.print("Even");
        else
            System.out.print("Odd");
    }
}
```

Answer

Odd

Status : Correct   *Marks : 1/1*

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

```java
class LoopTest {
    public static void main(String[] args) {
        int i = 1;
        do {
            System.out.print(i + " ");
```

```
   i *= 2;
   } while (i <= 8);
}
}
```

Answer

1 2 4 8

Status : Correct   *Marks : 1/1*

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

```
public class Main {
   public static void main(String[] args) {
      for(int i = 1; i <= 20; i = i * 2) {
         System.out.print(i + " ");
      }
   }
}
```

Answer

1 2 4 8 16

Status : Correct   *Marks : 1/1*

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

```
class Main {
   public static void main(String[] args) {
      for (int i = 5; i > 0; i--) {
         System.out.print(i + " ");
      }
   }
}
```

Answer

5 4 3 2 1

Status : Correct   *Marks : 1/1*

7. What will be the output of the following Java code snippet?

```java
public class Main {
    public static void main(String[] args) {
        int score = 75;
        if(score >= 90) {
            System.out.println("Grade: A");
        } else if(score >= 80) {
            System.out.println("Grade: B");
        } else if(score >= 70) {
            System.out.println("Grade: C");
        } else {
            System.out.println("Grade: D");
        }
    }
}
```

Answer

Grade: C

Status : Correct   *Marks : 1/1*

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

```java
class ConditionTest {
    public static void main(String[] args) {
        int a = 7;
        if (a == 7)
            System.out.print("Match");
        else
            System.out.print("No Match");
    }
}
```

Answer

Match

Status : Correct   *Marks : 1/1*

9. What will be the output of the following Java code snippet?

```java
public class Main {
    public static void main(String[] args) {
        int day = 4;
        String result = "";
        switch(day) {
            case 1:
                result = "Monday";
                break;
            case 2:
                result = "Tuesday";
                break;
            case 3:
                result = "Wednesday";
                break;
            default:
                result = "Other Day";
        }
        System.out.println(result);
    }
}
```

Answer

Other Day

Status : Correct   *Marks : 1/1*

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

```java
public class Main {
    public static void main(String[] args) {
        int sum = 0;
        for(int i = 1; i <= 5; i++) {
            sum += i;
        }
        System.out.println(sum);
    }
}
```

Answer

15

Status : Correct   *Marks : 1/1*

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

```
class LoopTest {
    public static void main(String[] args) {
        int i = 1;
        while (i > 0) {
            System.out.print(i + " ");
            i++;
            if (i == 5) break;
        }
    }
}
```

Answer

1 2 3 4 5

Status : Wrong   *Marks : 0/1*

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

```
public class Main {
    public static void main(String[] args) {
        int i = 1;
        while(i < 10) {
            i += 2;
        }
        System.out.println(i);
    }
}
```

Answer

11

Status : Correct   *Marks : 1/1*

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

```java
public class Main {
    public static void main(String[] args) {
        int i = 10;
        do {
            System.out.print(i + " ");
            i -= 3;
        } while(i > 0);
    }
}
```

Answer

10 7 4 1

Status : Correct   *Marks : 1/1*

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

```java
class Test {
    public static void main(String[] args) {
        int x = 5, y = 2;
        if (x + y == 10)
            System.out.print("Ten");
        else if (x - y == 3)
            System.out.print("Three");
        else
            System.out.print("None");
    }
}
```

Answer

Three

Status : Correct   *Marks : 1/1*

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

```java
class Test {
```

```java
public static void main(String[] args) {
    int num = 15;
    if (num > 10)
        if (num % 3 == 0)
            System.out.print("Divisible");
        else
            System.out.print("Not Divisible");
}
}
```

Answer

Divisible

Status : Correct   *Marks : 1/1*