

# Rajalakshmi Engineering College

Name: Lathika N

Email: 241801135@rajalakshmi.edu.in

Roll no: 241801135

Phone: 7349649372

Branch: REC

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 2\_MCQ

Attempt : 1

Total Mark : 15

Marks Obtained : 14

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

- What will be the output of the following code?

```
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?

```
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**

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

```
class Test {  
    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**

4. 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**

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

```
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**

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

```
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**

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

```
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**

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

```
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

9. 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

10. 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**

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

```
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**

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

```
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

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

```
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

14. 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

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

```
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