

# Rajalakshmi Engineering College

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Department: CSE - Section 4

Batch: 2028

Degree: B.E - CSE

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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?

```
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

2. 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

3. 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

4. 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

5. 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**

10

**Status :** Wrong

**Marks :** 0/1

6. 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

7. 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

8. 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

9. 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

10. 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

11. 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

12. 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

**Status :** Correct

**Marks :** 1/1

13. 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

14. 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

15. 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