

1. What are the Conditional Operators in java?

Ans: Conditional operators check the condition and decide the results on the basis of the condition .

There are three types of conditional operators —

- Conditional AND
- Conditional OR
- Conditional NOT.

2. What are the types of operators based on the number of operands?

Ans: There are two types of operators based on the number of operands:

- Unary
- binary.

3. What is the use of switch case in java programming?

Ans: The switch case statements allow a variable to be tested for equality against a

List of variables, this is a use of switch case in java programming.

4. What are the priority levels of arithmetic operations in java?

Ans: The priority levels of arithmetic operations in java are multiplication(*) > Division(/) > modulo (%) > subtraction (-) > addition(+).

5. What are the conditional statements and use of conditional statements in java?

Ans: Conditional statements are features of programming languages that tell the computer to execute certain actions, provide certain conditions and use the various programming

languages to instruct the computer on the decision to make when given some conditions.

6. What is the syntax of if else statement?

```
Ans: if (condition){  
    //body  
} else {  
    //body  
}
```

7. What are the three types of iterative statements in java?

Ans: Three types of iterative statements in java are following:-

- while loop
- do while loop
- for loop.

8. Write the difference between for loop and a do-while loop.

Ans: For loop, statements consume the initialization, condition, and increment/decrement in one line thereby providing a shorter, easy-to-debug structure of looping.

Do while loop is similar to a while loop with the only difference that it checks for the condition after executing i.e. not easy to debug structure of looping.

9. Write a program to print numbers from 1 to 10.

```
public class Main{  
    public static void main{  
        for (int i=0; i<=10; i++){
```

```
        System.out.println(i);
    }
}
}
```