

**Q.1) What are the Conditional Operators in Java ?**

Ans:- There are 3 types of conditional operators-

- a) Logical AND operator.
- b) Logical OR operator.
- c) Logical OR operator.

**Q.1) What are the types of operators based on the number of operands ?**

Ans:- There are 3 types of operators based on the number of operands –

- a) Unary operator.
- b) Binary operator.
- c) Ternary operator.

**Q.3) What is the use of Switch case in Java programming ?**

Ans:- It execute one statement from multiple conditions.

**Q.4) What are the priority levels of arithmetic operation in Java ?**

Ans:- There are two priority levels of arithmetic operation in java. They are as follows:

- a). High priority: \* / %
- b). Low priority: + –

**Q.5) What are the conditional Statements and use of conditional statements in Java ?**

Ans:- It is a operator provides one line approach for creating a simple conditional statement. It also known as ternary operator.

- a) It is often used as a shorthand method in if else statement. It makes the code much shorter, easier and readable.

**Q.6) What is the syntax of if else statement ?**

Ans:- if (condition ){

Statement 1

}else if (condition 2){

Statement 2

} else (condition 3){

Statement 3

}

**Q.7) What are the 3 types of iterative statements in java ?**

Ans:- The statements are as follow-

- a) for statement
- b) while statement
- c) do – while statement

**Q.8) Write the difference between for loop and do-while loop ?**

Ans:- for loop

- a) Statement(s) is executed once the condition is checked.
- b) It might be that statement(s) gets executed zero times.
- c) For the single statement, bracket is not compulsory.
- d) Initialization may be outside or in condition box.
- e) for loop is entry controlled loop.
- f) for ( init ; condition ; iteration )  
    { statement (s); }

Do While loop

- a) Condition is checked after the statement(s) is executed.
- b) Statement(s) is executed at least once.
- c) Brackets are always compulsory.
- d) Initialization may be outside or within the loop.
- e) do-while is exit controlled loop.
- f) do { statement(s); }  
    while (condition);

**Q.9) Write a program to print numbers from 1 to 10.**

Ans:- 

```
for (int i=1; i<=10; i++) {  
    System.out.print(i + " ");  
}
```