1) What are the Conditional Operators in Java?

Ans: We have 3 types of conditionals operators . They are 1) Logical-and operator(&&), 2) Logical-or operator(||), 3) Ternary operator(?:).

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

Ans: 1) Arithmetic Operators, 2) Assignment Operators,3)Relational Operators,4)Logical Operators,5) Unary Operators,6)Bitwise Operators.

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

Ans: The switch case in java is used to select one of many code blocks for execution.

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

Ans: Multiplicative *, /, % and Addictive +, -

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

Ans: The four conditional statements in Java are :if,if-else,else-if ladder and switch.
The use of conditional statements in Java is to perform different actions for different decisions.

6) What is the syntax of If Else statement?

Ans: syntax: if (condition)

```
{
        statement - 1
}
else
{
        statement - 2
}
```

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

Ans: The 3 types of iterative statements in java are:
1) for loop
2) while loop
3) do-while loop.

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

Ans: The difference between for loop and do-while loop is that loop is used when the number of iterations are known, whereas execution is done in the while-loop until the statement in the program is proven wrong.

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

Ans: public class printnum
{
    public static void main(String[] args)
    {
        for(int i=0;i<=10;i++)
        {
            System.out.print(i+" ");
        }
    }
}

Output: 1 2 3 4 5 6 7 8 9 10