Ans-1-When a condition consists of multiple boolean expressions, they are used. Use

conditional operators to combine two expressions, such as when we wish to print

a number only if it is larger than 2 and less than 5, respectively.

Ans-2-We have 3 types of conditional operators -

● Logical-and Operator(&&)

● Logical-or Operator(||)

● Ternary operator(?:)

Ans-3-The switch case in java is used **to select one of many code blocks for execution**..

Ans-4-In Java, **parentheses() and Array subscript[]** have the highest precedence in Java.

Ans-5-Conditional statements in Java are **the executable block of code (or branch to a specific code) dependent on certain conditions**.

Ans-6-**if**(condition){

}**else**{  }

Ans-7-1. The while loop

2. The for loop

3. The do-while loop

Ans-8-In while loop body is executed after the given condition is evaluated, whereas in the do-while loop, the loop body is executed, and then the given condition is checked.

Ans-9-**public** **class** Loop

{

**public** **static** **void** main(String[] args)

{

**for**(**int** i = 1; i <= 10; i++)

{

System.out.println(i);

}

}

}