

In [ ]: """

Que 1-what are the Conditional Operators in Java ?

Ans 1-The conditional operator (? :) is a ternary operator (it takes three operands). The conditional operator works as follows: The first operand is implicitly converted to bool . It is evaluated and all side effects are completed before continuing.

Que 2-what are the type of operator based on the number of operands ?

Ans 2-There are two types of mathematical operators: unary and binary. Unary operators perform an action with a single operand. Binary operators perform actions with two operands

Que 3-what is the use of switch Case in java programming ?

Ans 3-The switch case in java is used to select one of many code blocks for execution. Break keyword: As java reaches a break keyword, the control breaks out of the switch block. The execution of code stops on encountering this keyword, and the case testing inside the block ends as the match is found

Que 4-what are the priority levels of arithmetic operation in java

Ans 4-

- 1) Operators      Precedence
- 2) postfix increment and decrement   ++ --
- 3) prefix increment and decrement, and unary      ++ -- + - ~ !
- 4) multiplicative      \* / %
- 5) additive + -
- 6) shift      << >> >>>
- 7) relational      < > <= >= instanceof
- 8) equality == !=
- 9) bitwise AND      &
- 10) bitwise exclusive OR ^
- 11) bitwise inclusive OR |
- 12) logical AND      &&
- 13) logical OR      ||
- 14) ternary      ? :
- 15) assignment      = += -= \*= /= %= &= ^= |= <<= >>= >>>=

Que 5- what are the conditional statements and use of conditional statement in

Ans 5-

Java has the following conditional statements: Use if to specify a block of code to be executed, if a specified condition is true. Use else to specify a block of code to be executed, if the same condition is false. Use else if to specify a new condition to test, if the first condition is false.

Que 6-what is the syntax of if else statement;

Ans 6 Syntax: if(condition1){ //code to be executed if condition1 is true. }  
else if(condition2){;

Que 7-what are the difference between the for and do loop ?

Ans 7-for loop provides a concise way of writing the loop structure. Unlike a while loop, a for statement consumes the initialization, condition and increment/decrement in one line thereby providing a shorter, easy to debug structure of looping

Que 8-write a program to print number from 1 to 10 :

Ans 8-

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

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