

## Assignment 5

Ans 1

The Conditional operator is also known as the ternary operator. This operator consists of three operands & is used to evaluate a Boolean expression.

variable  $x$  ? (expression) ? value if true : value if false

~~Ans 2~~ ~~is classified into 5 types~~

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Arithmetic operator

Assignment operator

Relational operator

Logical operator

Unary operator

Bitwise operator

Ans 3

Switch case in Java executes one statement from multiple conditions. It is like a if-else if ladder statement. It provides an easy way to dispatch execution to different parts of code.

Switch (variable) {

Case 1 : Statement

Case 2 : Statement

Case 3 : Statement

default : Statement

Q5. Conditional Statement is given as the executable block of code dependent on certain conditions. These statements are also called decision statement or selection statement in java.

Condition with If statement  
If else statement  
Switch statement

Q6. If else statement Syntax:  $\text{If (condition)}$

```

    {
        // body
    } else
    {
        // body
    }

```

Q7. While statement 2 the do statement 3 for statement

Q8. For loop Firstly it initialize the condition check the condition and then ~~execute~~ print the statement

Do-while loop: Firstly it initialize the condition & print the statement whether the condition is true or not.

Q9. Class A {

public static void main (String [] args) {

int a = 10

for (int i = 1; i <= a; i++) {

System.out.println(i);

}