INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the Academic Year 2025-26

CLASS:VIII SUBJECT: Computer Science

[CHAPTERS- 1,2]

1. **Control Statements** define how the control is transferred to other parts of the program.
2. **Block** is a group of consecutive statements having the same indentation level.
3. When a program breaks the sequential flow and jumps to another part of the code, it is called **branching.**
4. The process of repeatedly executing a block of statements is known as **looping.**
5. **Nested loop** is a loop that contains another loop inside its body.
6. An expression that combines two or more logical terms is termed as **"logical expression".**
7. In Python AND operator is denoted by **"and"** keyword.
8. The **OR** operator gives the result False, if both the conditions have the value false, otherwise the result is True.
9. If the value of the condition is True , the NOT operator gives the result **False.**
10. **Relational operators** are used to compare values of two expressions.
11. **IF ELSE** Statement is used to test a condition and take one of the two possible actions.
12. An **Infinite loop** is a loop that never ends.
13. A **Block** is a group of consecutive statements having same indentation level.
14. The **continue statement** forces the next iteration of the loop to take place, skipping any code in between.

15. Name 3 types of control structures.(pg-5)

16. Name 3 logical operators.(pg-7)

17. If a=9 and b=10 ,find the value of :
    a) a!=b
    b) a>=b
    c) a==b
    d) a<b
    e) b!=0
    f) b>=a and b==5
    g) a<=9 or b>10
    h) not (a<=b)

    [ans: a) True b)False c) False d) True e) True f) False g) True h) False]

18. Write the logical operators in the order of precedence.
    [ans: NOT,AND,OR]

19. Write the syntax of FOR loop and WHILE Loop. (pg-22, pg-24)

20. Differentiate between FOR loop and WHILE loop.

Ans: For loop is used when the number of iterations is known. While loop is used when the number of iterations is not known in advance.