

INTERNATIONAL INDIAN SCHOOL BURAI DAH

Worksheet for the Academic Year 2025-26

CLASS:VII SUBJECT: Computer Science

[CHAPTERS- 1,2,3]

1. Unless and Until the **variables** are declared, they cannot be used in the program.
2. The process of assigning a value to a variable in computer is called **initialization**.
3. **Validation** is a process of checking whether the data entered by the user or application is reasonable .
4. Always use '=' sign to initialize the variable to a value.
5. **Integer** is a data type used to declare the integer variables.
6. The numbers in floating point are upto **15** decimal places.
7. **Strings** are sequence of character data.
8. In python + sign is used to concatenate two strings.
9. **Modulus operator(%)** divides variable on the left with variable on the right and returns the remainder.
10. **Looping** is also known as iteration.
11. The **break** statement is used to break out of the loop.
12. A loop within a loop is known as **nested loop**.
13. Putting the steps in correct order of execution is known as **sequencing**.
14. A **bug** is an error in a program.
15. The process of removing the error from the program is known as **debugging**.
16. **For loop** is used when you know exactly how many times the loop will run.
17. **Scratch** and **MakeCode** are two interfaces in which block coding can be done.
18. **Functions** are user defined ways of doing things.
19. Anything that happens in a computer is an **event**.
20. **Name 4 data types in Python. (pg-9)**
21. **Identify the data types: a) 126 b) 5.7 c) False d) "hello"**

[ans: a) integer b) Float c) Boolean d) string]
22. **Draw a flowchart to print out all numbers from 1-100, where the number is divisible by 3.(pg 15)**
23. **What are the advantages of using Functions?(pg-39)**
24. **Define Event Handling.**
