

# **INTERNATIONAL INDIAN SCHOOL BURAI DAH**

Worksheet for the Academic Year 2025-26

**CLASS:VII      SUBJECT: Computer Science**

**[CHAPTERS- 4,5]**

1. A **collection** is used to store multiple items into a single object.
2. Among high level languages **C** has very few collection types.
3. An **array** is a collection of values of same data type.
4. In Python , there are no arrays but only **lists** and **tuples**.
5. **What are the Limitations of Arrays?**
  - a) It can store items of the same data type.
  - b) Its index starts with a 0.
6. The **append()** function adds an element to the end of the list.
7. **Collections** are like lists in Python.
8. Anything in Python, over which iteration is possible through the for loop is known as an **iterables**.
9. **Name any two iterables in Python:**
  - a) Lists
  - b) Tuples
10. **Name any three programming languages.**
  - a) Python
  - b) Java
  - c) C++
11. A **programmer** is someone who writes computer program.
12. Assembly language programs are translated into machine language by a program called an **assembler**.
13. **def** is a keyword to define a use defined function in Python.
14. After defining a function we should **call** a function.
15. You can delete Python variables using the keyword '**del**'.
16. The data type in string is called **str**.
17. We use **+** sign to concatenate two strings.
18. An **integer** is a whole number with no decimal places.
19. When you combine a float variable and an integer variable, the resulting answer will always be a **float**.
20. **Write the output for the following if a=10 and b=5:**
  - a)  $a*b=$
  - b)  $a/b=$
  - c)  $a\%b=$
  - d)  $a+b=$
  - e)  $a-b=$

**[ans: a) 50   b) 2   c) 0   d) 15   e) 5]**
21. **Strings** are defined as a sequence of characters.
22. **Data types** tell the kind of value stored by the variable.
23. A **variable** stores the value in a program.
24. **Interpreter** is a program that executes instructions written in a high-level language.