

# **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 user 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.



CamScanner