Worksheet

1

Name: ....

Roll No: .... Class: .... Section: ....

Date: ....

FUNCTIONS IN PYTHON

Chapter-5

A. Tick (✓) the correct option.

1. What is a function in Python?
    a. A reserved keyword ☐
    b. A block of code that performs a specific task ☐
    c. A type of data structure ☐
    d. None of the above ☐

2. What is the purpose of using functions in Python?
    a. To repeat code multiple times ☐   b. To organise code into reusable blocks ☐
    c. To create loops ☐   d. To print output to the console ☐

3. Which keyword is used to define a function in Python?
    a. func ☐   b. define ☐
    c. def ☐   d. function ☐

4. What is the term for sending data to a function?
    a. Output ☐   b. Return ☐
    c. Argument ☐   d. Parameter ☐

B. Fill in the blanks.

1. A function that calls itself is called a ....

2. The values passed to a function when it is called are called ....

3. The variables used in the function definition to receive the values passed to it are called ....

4. The statement used to explicitly return a value from a function is ....

5. Functions can be defined using the .... keyword in Python.

C. Answer the following questions.

1. Explain the difference between a function definition and a function call in Python.

2. What is the significance of the return statement in a function?

3. Why is it important to use meaningful names for functions and variables in programming?

Class -10

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....