

# Worksheet

1

Name: .....

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

Date: .....

## DATA TYPES AND OPERATORS IN PYTHON

### Chapter-2

#### A. Tick (✓) the correct option.

1. Which of the following is not a standard data type in Python?
 

a. Integer <input type="checkbox"/>	b. String <input type="checkbox"/>
c. List <input type="checkbox"/>	d. Decimal <input type="checkbox"/>
2. What is the correct syntax to create a tuple in Python?
 

a. [] <input type="checkbox"/>	b. {} <input type="checkbox"/>
c. () <input type="checkbox"/>	d. < > <input type="checkbox"/>
3. Which data type in Python can not be modified?
 

a. List <input type="checkbox"/>	b. Tuple <input type="checkbox"/>
c. Dictionary <input type="checkbox"/>	d. Set <input type="checkbox"/>
4. Which data type is used to represent a collection of elements with no duplicate values?
 

a. List <input type="checkbox"/>	b. Tuple <input type="checkbox"/>
c. Set <input type="checkbox"/>	d. Dictionary <input type="checkbox"/>
5. What is the result of the expression 5 / 2 in Python?
 

a. 2.5 <input type="checkbox"/>	b. 2 <input type="checkbox"/>
c. 2.0 <input type="checkbox"/>	d. Error <input type="checkbox"/>

#### B. Fill in the blanks using the hints given below:

1. The ..... data type in Python represents a sequence of characters enclosed within single, double, or triple quotes.
2. A ..... is an ordered collection of elements, which can be of different data types, and is defined using square brackets [].
3. The ..... operator in Python is used for exponentiation, raising the left operand to the power of the right operand.
4. The ..... data type in Python is used to represent whole numbers without any decimal points.
5. Python supports various ..... operators such as addition (+), subtraction (-), multiplication (\*), and division (/) for numerical calculations.