

Worksheet

1

Name:

Roll No: Class: Section:

Date:

LIST IN PYTHON

Chapter-7

A. Tick (✓) the correct option.

1. What is a list in Python?

a. An ordered collection of items

☐

b. An unordered collection of items

☐

c. A reserved keyword

☐

d. A type of loop

☐

2. Which of the following statements about lists in Python is true?

a. Lists are immutable

☐

b. Each element in a list is called a tuple

☐

c. Lists can only contain characters

☐

d. Lists can contain elements of different data types

☐

3. What is the syntax for creating a list in Python?

a. {value1, value2, value3, ...}

☐

b. (value1, value2, value3, ...)

☐

c. [value1, value2, value3, ...]

☐

d. "value1, value2, value3, ..."

☐

4. How can you create an empty list in Python?

a. L1 = [None]

☐

b. L1 = []

☐

c. L1 = ()

☐

d. L1 = {}

☐

B. Fill in the blanks.

1. The index of elements in a list starts from

3. A list that contains another list is called a

4. is the negative index for the last element of a list with 10 elements?

5. List slicing in Python is done using the operator.

C. Write the output of the following programs:

1. What will be printed by the following Python code?

```
L = [1, 2, 3, 4, 5]
print(L[1:4])
```

2. What is the output of the following Python program?

```
L1 = [1, 2, 3]
L2 = ['a', 'b', 'c']
print(L1 + L2)
```