

# Worksheet

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Name: .....

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

Date: .....

## LIST IN PYTHON

## Chapter-7

### A. Tick (✓) the correct option.

1. Which operator is used to join two lists in Python?

a. +

☐

b. \*

☐

c. :

☐

d. ==

☐

2. What does the `append()` method do in Python?

a. Adds an element at the beginning of the list

☐

b. Adds an element at the end of the list

☐

c. Removes an element from the list

☐

d. Returns the index of an element in the list

☐

3. Which built-in Python function returns the total length of a list?

a. `length()`

☐

b. `max()`

☐

c. `min()`

☐

d. `len()`

☐

4. What does the `copy()` method do in Python?

a. Removes all elements from the list

☐

b. Returns a copy of the list

☐

c. Reverses the order of elements in the list

☐

d. Sorts all elements in the list

☐

### B. Write 'T' for true and 'F' for false.

1. The `insert()` method in Python inserts an element at a specified index. ....

2. The `remove()` method removes the last element from the list. ....

3. The `count()` method returns the number of occurrences of a specific element in the list. ....

4. Python's `max()` function returns the smallest element from the list. ....

### C. Answer the following questions.

1. Explain the difference between the `append()` and `extend()` methods in Python.

2. How does the `pop()` method work in Python?

3. What is the purpose of the `clear()` method in Python lists?