

Worksheet

1

Name:

Roll No: Class: Section:

Date:

DICTIONARY IN PYTHON

Chapter-9

A. Tick (✓) the correct option.

1. Which method is used to remove an element from a dictionary by specifying its key?

a. `popitem()`

☐

b. `clear()`

☐

c. `pop(key)`

☐

d. `copy()`

☐

2. What is a dictionary in Python?

a. An ordered collection of items

☐

b. An unordered collection of items

☐

c. A reserved keyword

☐

d. A type of loop

☐

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

a. `{key1, value1, key2, value2, ...}`

☐

b. `(key1: value1, key2: value2, ...)`

☐

c. `[key1: value1, key2: value2, ...]`

☐

d. `{key1: value1, key2: value2, ...}`

☐

4. Which of the following statements about dictionaries in Python is true?

a. Dictionaries are accessed using indexes

☐

b. Dictionary keys must be unique and immutable

☐

c. Dictionaries can only contain numeric values

☐

d. Dictionary elements are enclosed within square brackets []

☐

B. Fill in the blanks.

1. To access elements of a dictionary, you need the defined in the key:value pairs.

2. The `get()` method in Python is used for fetching the value of a particular of a dictionary.

3. Python provides a method named to create a shallow copy of a dictionary.

4. The `update()` method in Python is used to the dictionary with the specified key-value pairs.

C. Answer the following questions.

1. Explain the concept of dictionaries in Python.

2. How do you access elements in a dictionary?

3. Describe one difference between dictionaries and lists in Python.