Worksheet

1

Name: ....

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

Date: ....

STRING HANDLING IN PYTHON

Chapter-6

Class -10

A. Tick (✓) the correct option.

1. What is a sequence in Python?
    a. An unordered collection of items ☐
    b. A type of data structure ☐
    c. A reserved keyword ☐
    d. An ordered collection of items indexed by positive integers ☐

2. Which type of sequence in Python is immutable?
    a. String ☐   b. List ☐
    c. Tuple ☐   d. Dictionary ☐

3. What are escape sequences used for in Python?
    a. To repeat a string ☐   b. To insert special characters ☐
    c. To compare strings ☐   d. To reverse a string ☐

4. What is the syntax for accessing different elements of a string in Python?
    a. <name of the string>[index] ☐   b. <name of the string>(index) ☐
    c. <index>[name of the string] ☐   d. <index>(name of the string) ☐

B. Fill in the blanks.

1. Chunks of characters can be extracted from a string by using .... operator.

2. Python built-in function that calculates and returns the length of a string is ....

3. The method used to convert all lowercase letters to uppercase is ....

4. The function that returns a string with the first letter in capital is ....

C. Answer the following questions.

1. Explain the difference between indexing a list with positive integers and negative integers.

2. What are the various operations that can be performed on a string in Python?

3. How can you check if a particular character exists in a given string in Python?

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....