SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.
B.Sc.Computer Science - END SEMESTER EXAMINATIONS - NOV'2024
SEMESTER - II
23UCSCT2003 - **Programming Using Python**

Total Duration : 2 Hrs.30 Mins.   Total Marks : 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. Execute different types of python data types.

2. Discuss dictionary in python.

3. How python lists are used? Explain.

4. Explain the different types of inheritance in python.

5. How can you create a List in python? Interpret the following operations in a List with an example.
   (a) Adding elements to a List

6. How can you create a set in python? Interpret the following operations in a set with an example.
   (a) Updating elements to a set.

7. List out various built-in functions in python.

8. Discuss the necessary of encapsulation in python.

Section C

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Discuss various operators in Python.

10. Discus the tuples operations in python.

11. What is a dictionary? How can you create and add an element to it?

12. Explain the recursive function in python

13. What are the different types of exceptions in python? Give example.

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