

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. END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - II

21UCSCT2003 - Programming Using Python

Total Duration : 3 Hrs.

Total Marks : 60

**Section A**

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

1. Describe identifiers and keywords in Python.
2. Relate types of arguments in functions.
3. Illustrate operator overloading with example.
4. List file operations with example.
5. Explain Dictionaries.
6. Write a python program to apply packages.
7. Describe Generator Expressions.
8. Associate parsing of Command-line in Python.

**Section B**

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

9. Describe python control flow and decision control instruction.
10. Apply tuple operations and set operations in Python with example.
11. Prepare python programming to explain Lambda and recursive functions.
12. Relate types of inheritance in code with example.
13. Compare serialization and deserialization in python.

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