

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. Maths - END SEMESTER EXAMINATIONS APRIL - 2024

SEMESTER - VI

22UMAET6003 - Programming in Python

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Explain How interpreter works in python shell?
2. Illustrate any two Decision Control Statements in Python.
3. Classify the different data types that are supported by python.
4. Explain Syntax errors and Logic errors.
5. What is String in Python? Explain any two Operations on Strings?
6. Apply Break Statement and Continue Statement in Python with examples.
7. Describe how Slice Operation in String is done in python with examples.
8. Examine Opening and Closing Files using Python Program.

Section C

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

9. Explain the Features of Python and Illustrates the different steps involved in Writing and Executing Python Program?
10. Relate the Functions and Modules in Python.
11. Examine the purpose of Loop Structure in a programming language. Describe the syntax and semantics of any two Loop Structures provided by Python.
12. Relate the different String Operations used in python programming.
13. Examine in detail about Reading and Writing Operation that can be performed on Files with examples.
