

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.

M.Sc. Applicable Mathematics END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - III

24PAMET3A03 -Python Programming

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Describe the History of Python.
2. Explain about Python Programming Using the REPL(Shell).
3. Expressions and order of evaluations.
4. Explain about Tuples.
5. Explain about Dictionaries.
6. Classify about the Anonymous Functions.
7. Illustrate about Global and Local Variables.
8. Determine the Python Database Application Programmer's Interface (DB-API).

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Explain about Variables.
10. Classify various types of Operators.
11. Differentiate Slicing in Python.
12. Distinguish How Fruitful Functions from other functions.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Classify about Object Relational Managers (ORMs).
