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 - NOV'2024
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. Write a detailed account on the History of Python.

2. Distinguish between Operators and Expressions.

3. Explain various Data types with examples.

4. Discuss on Lists.

5. Give brief note on Dictionaries.

6. Explain in detail about Fruitful Functions.

7. State the Scope of the Variables in a Function.

8. Determine about Related Modules.

Section C

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

9. Discuss on Variables and Keywords in detail.

10. Elucidate in detail about the Control Statements.

11. Discuss on Comprehensions.

12. Evaluate how will you Read Excel data using Python using pandas and openpyxl.

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

13. Evaluate about Object Relational Managers $(ORMs)$.

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