

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. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - III

20PAMET3003 - Python Programming

Total Duration : 3 Hrs	Total Marks : 75
MCQ : 30 Mins	MCQ : 15
Descriptive : 2 Hrs.30 Mins	Descriptive : 60

Section B

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

1. Write a python program to read input using REPL (Shell) and display the output.
2. List out various operators in Python. Describe about identity and membership operator.
3. Give short notes on i) Multiline statement ii) Python Indentation iii) Python comments
4. Differentiate between List and Dictionary in Python.
5. Compare fruitful and void functions.
6. Explain the operation of List slicing.
7. Illustrate the internal structure of a typical Python module with the suitable example.
8. Describe ORM in Python.

Section C

Part A

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

9. Write a Python script to check the given string is Palindrome or not.
10. Explain sequence in python with example.
11. Describe the concepts of DB API in python.
12. Differentiate break and continue statements. When is Pass statement used?

Part B

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

13. Ascertain the procedure for Passing arguments to a function in Python with example.