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.(Appl.Maths) - END SEMESTER EXAMINATIONS APRIL - 2023
SEMESTER - III
20PAMET3003 - Python Programming

Total Duration : 2 Hrs. 30 Mins.   Total Marks : 60

Section B

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

1. What is the need of python programming?
2. Write a python code for finding whether a given number is prime number.
3. Compare sets and lists.
4. What is Object relational manager? Explain.
5. Discuss Assignment operators with examples.
6. Explain about passing list to a funtion.
7. List the functions that can be used to draw shapes and explain any three of them.
8. What are DB-API?

Section C

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

9. Explain the different forms of conditional statements in python and compare them.
10. Explain Strings, special methods and operators that can be performed in strings in detail.
11. Explain how database operations are implemented in python? Give example.
12. Discuss scope of a variable in a function

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

13. Explain about various programming errors and exception handling.

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