

Roll.No.

24UCCCT4011

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.Computer Science - END SEMESTER EXAMINATIONS - NOVEMBER 2025
SEMESTER -IV

24UCCCT4011 - Python Programming

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. Explain the concept of Strings with suitable examples.
2. Describe the idea behind Lists.
3. Apply the print () and eval() functions in your own program.
4. Describe the concept of parameter passing in Python.
5. Classify the types of errors and exceptions in Python.
6. Predict the need of formatted output.
7. Sketch the importance of For loop.
8. Determine the concept of 'Data pre-processing and Visualization' in Python.

Section C

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

9. Illustrate the concept of 'Objects & Classes' with suitable examples.
10. Apply the concept of 'User defined function' in a program of your own.
11. Examine the concept of 'Decision control and the If statement'.
12. Predict the need of 'Tuple and Dictionaries'.
13. Determine the concept of 'Data visualization using matplotlib and seaborn' with appropriate examples.
