

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.C.A. - END SEMESTER EXAMINATIONS NOVEMBER-2022

SEMESTER - III

**20UACT3003 - Python Programming**

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

**Section A**

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

1. Explain Interactive and Script Mode.
2. List the Features of Python.
3. Write a Python Program using Function to find the sum of first 'n' even numbers and print the results.
4. Appraise with an example Nested if and elif header in Python.
5. Explain String Methods in Python.
6. Compare and Contrast Tuples and List.
7. Explain the Python Code to Create and add Contents to the file.
8. What are Python Packages? Explain.

**Section B**

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

9. Describe the various Operators in Python with Suitable Example.
10. Explain Functions in Python.
11. Classify the situations where you can use different Looping Statements.
12. Apply File Reading and Writing in Python.
13. What is TK Widgets Python? Explain with an example.

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