

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.

BCA. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - III

20UCACT3003 - 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. What is variable in Python? Explain the different types of variables in python.
2. Write a Python program using function to find the sum of first 'n' even numbers and print the results.
3. What is dictionary in Python? Explain with example.
4. Appraise with an example nested if and elif header in Python.
5. Compare and contrast tuples and list.
6. Explain the use of format operator in file processing.
7. What is Python packages? Explain.
8. Write a Python function to swap the values of two variables.

Section C

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

9. Describe the various operator in Python with suitable example.
10. What are parameters and arguments in Python function? Explain with an example.
11. Elaborate with an example while loop, break statement and continue statement in Python.
12. Describe the command used to read and write into a file with example.
13. What is Tk widgets python? Explain with an example.