

Roll.No.

23UBICT3007

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.Com ISM - END SEMESTER EXAMINATIONS - NOVEMBER 2025  
SEMESTER - III

**23UBICT3007 - Python Programming**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

### Section B

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

1. Describe the features of python.
2. Give example for nested control statement in python.
3. Apply the following string functions and show the output for the input string "VAISHNAV COLLEGE FOR WOMEN" :  
(i) Capitalize, isalpha, count, isdigit, islower.
4. Predict the methods used to adding elements into a list in python.
5. Show the scope of the variable.
6. Differentiate built-in and user define functions in python.
7. Prepare a python statement to assign the integer value 5000 to variable P, integer value 3 to variable n, integer value 2 to variable r, then finally assign value to variable si by  $(P * n * r)/100$ .
8. Justify the advantages of command line arguments with example.

### Section C

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

9. Describe the ways to create list in python.
10. Classify the type of functions in python and explain it with example.
11. Examine the characteristics of Python programs.
12. Illustrate Errors and Exception handling techniques in python.
13. Compare one-way decision structure and two-way decision structure with example.

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