

FACULTY OF SCIENCE

B.Sc. (CBCS) V - Semester Examination, November/December 2019

Subject: Computer Science (E: Python - 1)

Paper: V (SEC - 3)

Time: 1½ Hours

Max. Marks: 40

Part - A (2x5 = 10 Marks)

(Short Answer Type)

Note: Answer ALL the following questions.

1. (a) Write the differences between C and Python.
OR
(b) What are four built-in numeric data types in Python? Explain.
2. (a) Write a Python program to accept a single character from the keyboard.
OR
(b) What is Nested loop? Explain with example.

Part - B (2x15 = 30 Marks)

(Essay Answer Type)

Note: Answer ALL the following questions.

3. (a) Write short notes on
 - (i) Memory Management in Python.
 - (ii) Garbage collection in Python.OR
(b) Explain about the different types of sequences in Python with syntax and suitable example.
4. (a) What are the different loop control statements available in Python? Explain with examples.
OR
(b) What is an operator? Explain different types of operators with suitable examples.