

B.Sc.-III (CBCS Pattern) Semester - VI
USCST11.3 - Paper-II - Elective-III - Computer Science-III
Python Programming

P. Pages : 2

Time : Three Hours



GUG/S/23/13347

Max. Marks : 50

-
- Notes :
1. All the questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram wherever necessary.
 3. Avoid vague answer and write answer relevant and specific to question only.

Either:

1. a) Explain the basic syntax of python programming with suitable example. 5
- b) Write a python program to find simple interest. 5

OR

- c) What is variable? Explain the rules for Declaring variable. 5
- d) Write a python program to find circumference of circle. 5

Either:

2. a) Explain the while loop with suitable example. 5
- b) Write a program to find the square Root of a number in Python. 5

OR

- c) Explain the concept of Dictionary. 5
- d) Explain the manipulating collections in detail. 5

Either:

3. a) Explain the calling function with suitable example. 5
- b) Explain the creating & Exploring modules. 5

OR

- c) Write the Advantages of function in python programming. 5
- d) Write a python program to find factorial of number using Recursion. 5

Either:

4. a) Explain the user defined exception in detail. 5
b) What is class? Explain with suitable example. 5

OR

- c) What is Object? Explain with suitable example. 5
d) Explain the Except clause in detail. 5
5. Solve all the questions.
- a) Write a note on Reading data from keyboard. 2½
b) Write a note on Update and Delete dictionary items. 2½
c) Write a note on Time Modules. 2½
d) Explain the Data Hiding in Python Programming. 2½
