

USCST11.3 - Elective-III - Computer Science Paper-III : Python Programming

P. Pages : 2

Time : Three Hours



GUG/S/25/13347

Max. Marks : 50

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

Either :

1. a) Explain the arithmetic operation of Python programming with suitable example. **5**
b) Write a python program for finding the area of triangle if base and height are entered by the keyboard. **5**

OR

- c) Explain the basic syntax of python programming with suitable example. **5**
d) Write a python program to find circumference of circle. **5**

Either :

2. a) Explain the for loop statement with suitable example. **5**
b) Write a python program to print even numbers between 2 to 50. **5**

OR

- c) Explain the type conversion in detail. **5**
d) Write a Python program to find the square Root of a number. **5**

Either :

3. a) Define module? Explain the random module. **5**
b) Write a python program to find area of circle using user defined function. **5**

OR

- c) Explain the creating & Exploring modules. **5**
d) Write a python program to find sum of 'n' numbers using Recursion. **5**

Either :

4. a) What do you mean by class? Explain with suitable example. 5
- b) Write a short note on: 5
- i) Attributes
 - ii) Data Handling.

OR

- c) Explain the concept of overriding in detail. Give suitable example. 5
- d) Explain the Except clause in detail. 5
5. Attempt all the questions.
- a) Write a note on input and output statement. 2½
 - b) Write a note on Update and Delete dictionary items. 2½
 - c) Write in short about Time Module. 2½
 - d) Write a short note on Exception. 2½
