

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

P. Pages : 1

Time : Three Hours



GUG/W/23/13347

Max. Marks : 50

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

Either:

1. a) Explain the basic datatypes in python programming. 5
b) Explain the arithmetic operation with suitable example. 5

OR

c) Write a features of python programming. 5
d) Write a python program to find circumference of circle. 5

Either:

2. a) Explain the nested loops with suitable example. 5
b) Explain the string function. 5

OR

c) Explain the type conversion in detail. 5
d) Explain the Nested if-else statement with suitable example. 5

Either:

3. a) What is function? Explain the types of functions. 5
b) Define module? Explain the random module. 5

OR

c) Explain the formal parameter and actual parameter. 5
d) Explain the global and local variables. 5

Either:

4. a) What do mean by exception handling? Explain it. 5
b) Define inheritance? Explain any one type of inheritance. 5

OR

c) Explain the try and finally clause. 5
d) Explain the overloading in detail. 5

5. Solve all the questions.
a) Write a note on input and output statement. 2½
b) Explain the precedence of operations. 2½
c) Write a advantages of functions. 2½
d) Write a note on class and object. 2½
