SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

MCA I Year II Semester Regular & Supplementary Examinations June/July-2025

PYTHON

Time: 3 Hours   **Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-1

1. a) Choose various operators of Arithmetic and Comparison. [6M]
   b) Design a python program to demonstrate logical operator. [6M]

OR

2. Develop a python program to demonstrate break and continue statements. [12M]

UNIT-2

3. a) How can we create and access the tuple in python. [6M]
   b) Identify various methods performed on tuple. [6M]

OR

4. Distinguish various types of arguments with example program in python . [12M]

UNIT-3

5. a) Explain encapsulation in python with an example. [6M]
   b) What is init method in python? Explain with example. [6M]

OR

6. a) What is an Error? Explain types of errors. [6M]
   b) Compare and explain various built -in exception in python. [6M]

UNIT-4

7. Develop a complicated data object and discuss viewing in that object. [12M]

OR

8. Demonstrate the Help Command in R Language. [12M]

UNIT-5

9. a) Identify and explain various t -test commands in r. [6M]

b) Discuss Two -Sample t -Test with Unequal and Equal Variance. [6M]

OR

10. Choose the following data2

> data2