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. List and explain various data types in python. With example.   [12M]

OR

2. a) Demonstrate for and while statements in python with example.   [6M]
b) Build a python program to check given number is positive or negative or zero.   [6M]

UNIT-2

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

OR

4. Differentiate and explain local and global variable with an example python program.   [12M]

UNIT-3

5. a) Discuss how we can raise an exception.   [6M]
b) Write a simple program which illustrates Handling Exceptions.   [6M]

OR

6. How does inheritance work in python? Explain it with an example.   [12M]

UNIT-4

7. a) List the functions for reading data into R.   [6M]
b) List the functions for writing data to files in R.   [6M]

OR

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

UNIT-5

9. Explain different ways to copy graphics to other applications. [12M]

OR

10. a) Categorize Statistic commands that produce a Single Value as a Summary . [6M]
b) List out Summary of Commands to Add Names to Rows and Columns of Data
Objects [6M]