

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 $5 \times 12 = 60$ Marks)

UNIT-1

1. a) Describe input -output in python with example.
- b) Explain indentation with example. [12 Marks]

OR

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

UNIT-2

3. a) How can we create and access the tuple in python.
- b) Identify various methods performed on tuple. [12 Marks]

OR

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

UNIT-3

5. a) Explain encapsulation in python with an example.
- b) What is init method in python? Explain with example. [12 Marks]

OR

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

UNIT-4

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

OR

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

UNIT-5

9. Choose the following data2

> data2 [12 Marks]

OR

10. Explain different ways to create several graphs in one window.

Prepared by:

Mr. J. S. ANANDA KUMAR

Assistant Professor/ MCA [12 Marks]