

|                    |                 |         |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|-----------------|---------|--|--|--|--|--|--|--|--|--|--|--|--|
| O.P.Code: 24mca109 | Regulation 2021 | H.T.No. |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|-----------------|---------|--|--|--|--|--|--|--|--|--|--|--|--|

**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**

Q1. Course Code:

SIDDHARTH GROUP OF INSTITUTIONS:: PUTTUR (AUTONOMOUS)

Siddharth Nagar, Narayanavanam Road – 517583

QUESTION BANK (DESCRIPTIVE)

Subject with Code: Advanced Programming (Python & R Languages)

(

Year & Sem: I-MCA & I -Sem

UNIT –I

INTRODUCTION, TYPES, OPERATORS AND EXPRESSIONS [12 Marks]

**OR**

Q2. a) Illustrate class inheritance in Python with an example

b) Write a python program to find the area of a cone and circle using inheritance.

4 How do we access parent members in the child class? Explain with an example. [12 Marks]