

**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**

- Q1. a) Discuss in detail about polymorphism in python.  
b) Explain method overriding in python with an example program. [12 Marks]

**OR**

- Q2. a) List the functions for reading data into R.  
b) List the functions for writing data to files in R.  
5 Illustrate various Mathematical Operations available in R Language. With example. [12 Marks]