

**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 Analyze and write a program to store a set of values of same data type into a single CO L M variable. [L4][CO2] [12M]

**OR**

2 Explain about shortest path problem with an algorithm and example. [L2][CO5] [12M]CO L M