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 a) Discuss Space and Time Complexity for Linear and Binary Search. [L2][CO4] [6M] CO   L   M
b) Distinguish between Linear Search and Binary Search. [L5][CO4] [6M]

OR

2 a) What is a Stack? What are the operations that perform on a stack? [L1][CO2] [6M] CO   L   M
b) What is a Queue? What are the operations that perform on a Queue? [L1][CO2] [6M]