

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 What is a Graph ? Explain various Graph terminologies . [L2][CO5] [12M]

CO L M

OR

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