

O.P.Code: 24mca109	Regulation 2021	H.T.No.											
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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 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] CO L M

b) Distinguish between Linear Search and Binary Search. [L5][CO4] [6M]