

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 a) Design an algorithm to insert an element at beginning of circularly linked list. CO L M
[L3][CO2] [6M] b) Design an algorithm to delete an element at end of circular ly linked
list. [L3][CO2] [6M]

OR

- 2 a) What do you mean by searching? What are the types of searching? [L1][CO4] [6M] CO L M
b) Differentiate various searching techniques. [L4][CO4] [6M]