

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

Q1. a) Differentiate Plots and Charts in the Graphical Analysis.

b) Draw a pie chart for the following data

Section I II III IV V

No.of workers 220 370 190 70 250

8 Identify and explain various types of Graphical Data Analysis.

9 Explain different ways to copy graphics to other applications.

10 Explain different ways to create several graphs in one window.

Prepared by:

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Assistant Professor/ MCA [12 Marks]

OR

Q2. a) How a class and an object can create in python.

b) Create a Student class and initialize it with name and roll number. Design methods for i) Display to display all the information of the student.

ii) setAge to set the age of the student.

iii) setMarks to assign marks to the student.

2 Discuss object oriented programming in python with creation of class and object. [12 Marks]