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

Q1. a) Why we use Wilcoxon U -Test? Identify the commands in it.
b) Discuss Two -Sample and One -Sample in U -Test.
4 Choose the following data2
> data2
3 5 7 5 3 2 6 8 5 6 9 4 5 7 3 4
Find the following by using summary statistics commands
i) Average of the sample
ii) Largest value in the sample
iii) Smallest value in the sample
iv) How many items are in the sample
v) Look at a different data sample [12 Marks]

OR

Q2. 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:
Mr. J. S. ANANDA KUMAR
Assistant Professor/ MCA [12 Marks]