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) Calculate Cumulative Sum of a Numeric Object in R Programming

b) Construct a list data object with an example in R. [12 Marks]

OR

Q2. 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]