

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**

- Q1. a) Describe various commands of Cumulative measures in R .  
b) Calculate the cumulative values for the following sample data  
a <- c(1:9,4,2,4,5:2) [12 Marks]

**OR**

- Q2. a) Demonstrate for and while statements in python with example.  
b) Build a python program to check given number is positive or negative or zero. [12 Marks]