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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

MCA II Year I Semester Supplementary Examinations August-2021

Advanced Programming (Python & R Languages)

(MCA)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a What are the applications of Python? 6M
 b What are the Key Factors of Python? 6M

OR

- 2 a Clearly define about operator. 6M
 b What are the operators provided by Python? 6M

UNIT-II

- 3 a Define and explain anonymous function and Fruitful functions. 6M
 b Explain about the uses of Functions. 6M

OR

- 4 a What is variable explain? 6M
 b Explain different types of modules. 6M

UNIT-III

- 5 a Define class and method. 6M
 b Explain method and class with suitable example. 6M

OR

- 6 a Briefly explain about the data hiding. 6M
 b Briefly discuss about self-variable, Explain with the suitable example. 6M

UNIT-IV

- 7 a What is the procedure for running R programme? 6M
 b Briefly discuss about importance of R Programme. 6M

OR

- 8 a What are the types of data items? 6M
 b What is the role of data item? 6M

UNIT-V

- 9 a What is pair plotter explain? 6M
 b Explain about line charts, pie charts, bar charts. 6M

OR

- 10 a Write a script for beginning to program Copy & Paste scripts by creating simple functions. 6M
 b Define descriptive statistics & tabulation. 6M

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