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

B.Tech III Year I Semester Supplementary Examinations Feb-2021

PYTHON & R PROGRAMMING

(Computer Science & Information Technology)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Demonstrate about Input- Output Functions in Python. 6M
b Demonstrate Assignment statement in Python. 6M

OR

- 2 a Justify the need of python programming. 6M
b Explain the Applications of python programming. 6M

UNIT-II

- 3 a Discuss about Sequences in python. 8M
b Discuss any two Logical Operators in Python. 4M

OR

- 4 a Explain about any four Lists and its methods in Python. 7M
b Write short notes about any two Tuples and its methods used in Python. 5M

UNIT-III

- 5 a Discuss about try except block in detail. 6M
b Explain user defined Exceptions in Python. 6M

OR

- 6 a Explain in detail about class with an example. 5M
b Explain in detail about objects with an example. 7M

UNIT-IV

- 7 a Write installation steps of R-Software. 6M
b Describe about command packages in R. 6M

OR

- 8 a Demonstrate about viewing Named Objects in R. 6M
b Demonstrate about Manipulating Objects in R. 6M

UNIT-V

- 9 a Describe about Students t-test. 6M
b Explain about Wilcoxon U-test. 6M

OR

- 10 a Describe about adding elements in existing plots. 6M
b Justify about matrix plot. 6M

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