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

B.Tech III Year I Semester Supplementary Examinations November-2020

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 Justify the need of python programming. 6M
- b Explain the applications of python programming 6M
- OR**
- 2 a Explain in detail about Arithmetic Operators. 6M
- b Explain in detail about Membership and Identity operators. 6M

UNIT-II

- 3 Write about scope of variables in python with suitable example. 12M
- OR**
- 4 Explain about Lists and its methods. 12M

UNIT-III

- 5 Explain in detail about class and objects with an example. 12M
- OR**
- 6 a Differentiate between error and exception. 6M
- b Write about self argument with suitable example. 6M

UNIT-IV

- 7 Explain the procedure and concepts for reading data in R. 12M
- OR**
- 8 Explain the forms of data objects in detail. 12M

UNIT-V

- 9 a Demonstrate about Box-Whisker Plots. 6M
- b Demonstrate about Scatter Plots. 6M
- OR**
- 10 Demonstrate about paired t and u – tests. 12M

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