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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech III Year II Semester Regular & Supplementary Examinations October-2020**
LINUX PROGRAMMING

(Computer Science & Information Technology)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Describe in detail about the structure of LINUX. **6M**
 b What are the features of Linux operating system? **4M**
 c Discuss about various modes of vi editor. **2M**

OR

- 2 a What is meant by path and pathname in Linux? Explain them in detail. **10M**
 b Distinguish between time – sharing and client/server environment. **2M**

UNIT-II

- 3 a Explain in detail foreground and background jobs. Give example. **10M**
 b What does “tail” command do. **2M**

OR

- 4 a What is a filter? Illustrate all filters with appropriate examples. **10M**
 b Define pipes. **2M**

UNIT-III

- 5 Differentiate atoms and operators in detail. **12M**

OR

- 6 a How do you check exit status of a command? **2M**
 b Illustrate decision making statements used in korn shell. **10M**

UNIT-IV

- 7 Narrate all “awk” statements in detail With example scripts. **12M**

OR

- 8 Narrate how variable evaluation and substitution is done in korn shell with Examples. **12M**

UNIT-V

- 9 a Explain how talk and write commands work? **6M**
 b How does “telnet” command work? Explain it with example. **6M**

OR

- 10 Narrate about commands used to read a mail in Linux environment. **12M**

*** END ***