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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

B.Tech II Year I Semester Regular Examinations Feb-2021

LINUX PROGRAMMING

(Electronics and Communication Engineering)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a How can you say that Unix operating system provides more security than other operating systems? **6M**
b Illustrate the user and group in Unix? Explain the related commands for changing ownership and group. **6M**

OR

- 2 a Describe the file system structure and different file types in Linux system. **6M**
b Brief explain about the commands used in the vi Editor. **6M**

UNIT-II

- 3 a What is an option? Mention at least three options and their use? **6M**
b Differentiate between different types of shells available in UNIX. **6M**

OR

- 4 a Explain the following. **8M**
a) CDPATH b) PATH c) HOME d) Primary prompt e) TERM
b Explain different shell responsibilities? **4M**

UNIT-III

- 5 How remote access is done in Unix, detail it **12M**

OR

- 6 a Write a shell program for counting characters, words and line? **6M**
b Explain about file contents and its directories? **6M**

UNIT-IV

- 7 a Mention the primary difference between fgrep and the other two members of the family ? **6M**
b What is an option? List Some options and their use. **6M**

OR

- 8 Narrate all "awk" statements in detail With example scripts. **12M**

UNIT-V

- 9 List and explain the expressions involved in Korn shell. **12M**

OR

- 10 How decision making is done? Explain with a program. **12M**

*** END ***