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

B.Tech II Year I Semester Supplementary Examinations December-2021

LINUX PROGRAMMING

(Electronics and Communication Engineering)

Open Elective-I

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 Distinguish between time – sharing and client/server environment. 6M
- 2 a Illustrate the user and group in Unix and Explain the related commands for changing ownership and group. 6M
b What are the file types available in Unix? Discuss file operators with suitable examples. 6M

UNIT-II

- 3 a What is redirection? Explain. 6M
b Describe foreground and background jobs with an example. 6M
- OR**
- 4 a What is command substitution? Give an example. 6M
b Discuss about Command Execution. 6M

UNIT-III

- 5 a How do you perform remote access in Unix? 6M
b Write a shell program for counting characters, words and line. 6M
- OR**
- 6 a Which command is used for translating characters and also explain its options with examples. 6M
b How files with duplicate lines are handled in Unix? 6M

UNIT-IV

- 7 a Mention the primary difference between fgrep and the other two members of the family. 6M
b Discuss about Korn Shell and its Features. 6M
- OR**
- 8 a Explain about file contents and its directories. 6M
b Write a note on Sed and awk. 6M

UNIT-V

- 9 a Define and explain about trash files. 6M
b Write about eval command. 6M
- OR**
- 10 a How decision making is done? Explain with program. 6M
b Describe the working of debugging scripts work in csh? Explain. 6M

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