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

B.Tech III Year I Semester Supplementary Examinations July-2022

UNIX & SHELL PROGRAMMING

(Computer Science Engineering)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a What security levels provided in Unix and how do you change the ownership and group. L1 6M
b Which are the operations that can be performed files and directories. L2 6M

OR

- 2 a What is umask command? How to set the default umask L1 6M
b Unix provides more security than other Operating systems. Is it true? Justify L4 6M

UNIT-II

- 3 a Write a shell program to find the vowels and consonants in a given line. L1 6M
b Discuss the following commands L2 6M
i. split
ii. wc
iii. cmp
iv. sort
v. dircmp

OR

- 4 a Write a shell program to count characters, words and line in a given paragraph. L3 6M
b Explain L1 6M
i. Aliases
ii. Unix session

UNIT-III

- 5 a Discuss how transfer of files takes place between client and server and vice versa. L2 6M
b Give the output of the following commands in vi editor L3 6M
i. I
ii. A
iii. J
iv. P
v. ~

OR

- 6 a Explain in brief how text manipulation is done in vi editor. L1 6M
b Explain L1 6M
i. Atoms
ii. Operators

UNIT-IV

- 7 a How is korn shell different from others. L2 6M
b How is argument validation performed. L2 6M

OR

- 8 a Discuss with an example how decision making is performed. L2 6M
b How is input read in korn shell. L1 6M

UNIT-V

- 9 a** What are on-off variables.
b Explain in brief special parameters.

L1 6M
L2 6M

OR

- 10 a** What are the various variables associated with C shell.
b Discuss how debugging scripts work in csh.

L1 6M
L2 6M

***** END *****