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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech II Year II Semester Regular Examinations October-2022****UNIX & SHELL 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 Architecture of UNIX. L3 6M
b Write syntax for changing ownership and group name on a given files. L2 6M

OR

- 2 a List and explain about five networking commands. L4 6M
b Describe the commands listed below: L3 6M
i) ps ii) du iii) df.

UNIT-II

- 3 a What is JOB? Explain in detail foreground and background jobs. Give example and sketch the JOB states diagram. L1 6M
b Discuss pipe and tee command with suitable example. L3 6M

OR

- 4 a What are the three unix commands used to compare the contents of file? Explain each command in detail. L1 6M
b Explain the Shell Customization. L3 6M

UNIT-III

- 5 a Explain about Korn shell input and output commands with examples. L4 6M
b What is K shell? Explain startup scripts in K shell. L1 6M

OR

- 6 a List and explain the expressions involved in Korn shell. L2 6M
b How decision making is done in? Explain with a program. L1 6M

UNIT-IV

- 7 Explain about C shell input and output commands with examples. L3 12M

OR

- 8 a What is C Shell? Explain two Special files. L2 6M
b Explain startup and shutdown scripts in C shell. L3 6M

UNIT-V

- 9 a What is a File? Explain about any four system calls used with files. L1 6M
b Explain any four operations that can be performed on a directory. L3 6M

OR

- 10 a Define System call. Differentiate between system calls and library functions. L2 6M
b Explain any two API directories. L3 6M

*** END ***