

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

**B.Tech II Year I Semester Supplementary Examinations June-2024
LINUX PROGRAMMING**

(Open Elective-I)

Time: 3 Hours

Max. Marks: 60

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

UNIT-I

- 1 a Explain in detail the path and pathname in Unix environment. CO1 L1 6M
b Distinguish between time-sharing and client/server environment. CO1 L4 6M

OR

- 2 a Discuss about listing directories and files. CO1 L2 6M
b Name the two categories of regular files. Does UNIX recognize the difference between these two categories? Justify your answer. CO1 L6 6M

UNIT-II

- 3 a Discuss Standard Streams in brief. CO2 L2 6M
b Illustrate the following CO2 L4 6M
i) CDPATH ii) PATH iii) HOME

OR

- 4 a Explain in detail the foreground and background jobs. Give example. CO2 L3 6M
b Explain in detail about command line editing with any three basic vi commands. CO2 L3 6M

UNIT-III

- 5 a Explain about comparing files with examples. CO3 L3 6M
b Write in detail the selected commands associated with send mail. CO3 L5 6M

OR

- 6 a Which command is used for translating characters? Also, explain its options with examples. CO3 L2 6M
b Explain the range command in the vi Editor with an example. CO3 L3 6M

UNIT-IV

- 7 a Discuss about Korn Shell and its features. CO4 L2 6M
b What would be the effect of the following commands? CO4 L3 6M
i). grep "UNIX|Unix|unix" file1
ii). grep ".*" file1 > file2

OR

- 8 a Distinguish between a variable and a value. CO4 L4 6M
b Explain any three expressions involved in Korn shell. CO4 L5 6M

UNIT-V

- 9 a Explain how the on-off variables are handled. CO5 L5 6M
b Illustrate the shutdown scripts in the C Shell. CO5 L4 6M

OR

- 10 a How argument validation is done in csh? CO5 L3 6M
b Explain the working of debugging work in csh. CO5 L2 6M

*** END ***

