Reg. No: ☐☐☐☐☐☐☐☐☐☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B. Tech II Year I Semester Supplementary Examinations August-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	What are the file types available in Unix? Discuss file operators with suitable examples?	6M
	b	Write a short note on the following commands: i. ls　　ii. ln　　iii. mv　　iv. cp.	6M

OR

2	a	Explain the architecture of UNIX operating system and its features?	6M
	b	Explain the security levels provided in Unix environment. How to change permissions of a file?	6M

UNIT-II

3	a	Explain different input and output redirection commands with syntax?	8M
	b	Explain command substitution with example.	4M

OR

4	a	Discuss pipe and tee command with suitable example.	4M
	b	Differentiate between shell variables and environment variables and user defined variables.	8M

UNIT-III

5	a	How text manipulation is done in vi? Explain.	6M
	b	How files with duplicate lines are handled in Unix	6M

OR

6	a	What is a filter? Illustrate all filters with appropriate examples.	10M
	b	Define pipes.	2M

UNIT-IV

7		Differentiate atoms and operators in detail.	12M

OR

8	a	Define a Variable and distinguish between a variable and a value.	6M
	b	Explain file contents and its directories?	6M

UNIT-V

9	a	What are the startup scripts in the C Shell?	6M
	b	What are the shutdown scripts in the C Shell?	6M

OR

10	a	How argument validation is done in csh?	6M
	b	How debugging scripts work in csh?	6M

*** END ***