Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Regular Examinations July-2021
LINUX PROGRAMMING
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 60

PART-A
(Answer all the Questions 5 x 2 = 10 Marks)

1	a	Explain who command with its syntax and example.	L5	2M
	b	What is xtrace option? Write the syntax to ON or OFF the option.	L1	2M
	c	Differentiate telnet and ftp commands.	L5	2M
	d	What is meant by fast grep and extended grep.	L1	2M
	e	Define trash file.	L2	2M

PART-B
(Answer all Five Units 5 x 10 = 50 Marks)
UNIT-I

2	a	Briefly explain about the commands used in the vi Editor.	L2	5M
	b	Explain the security levels provided in Unix environment. How to change permissions of a file?	L5	5M

OR

3	a	Describe in detail about the structure of UNIX.	L2	5M
	b	Discuss about listing directories and files.	L6	5M

UNIT-II

4	a	What is JOB? Explain in detail foreground and background jobs with an example.	L1	5M
	b	Define a Variable. Distinguish between a variable and value.	L2	5M

OR

5	a	Explain command substitution with suitable example.	L5	5M
	b	Describe Shell Customization.	L1	5M

UNIT-III

6	a	Explain the range command in the vi Editor.	L1	5M
	b	Write a shell program for counting characters, words and lines.	L3	5M

OR

7	a	How remote access is done in Unix? Explain.	L1	6M
	b	Explain cut & paste commands with its syntax and examples?	L5	4M

UNIT-IV

8	a	Write the basic script concepts with Korn shell.	L3	6M
	b	Explain about file contents and its directories.	L5	4M

OR

9	a	Discuss about Korn Shell and its Features.	L6	5M
	b	What does a startup script consist of? Explain.	L1	5M

UNIT-V

10	a	Describe the C shell features.	L1	5M
	b	How argument validation is done in csh?	L1	5M

OR

11	a	What are the startup scripts in the C Shell?	L1	5M
	b	List and briefly explain the expressions involved in C shell.	L1	5M

END