R18

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Supplementary Examinations February-2022
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	Discuss about various modes of vi editor.	2M
	b	What is emacs option? Write the syntax to ON or OFF the option.	2M
	c	Explain comm command with its syntax and example.	2M
	d	What is meant by fast grep and extended grep?	2M
	e	Describe how arrays are processed using awk.	2M

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

UNIT-I

2	a	Explain vi Editor and its modes.	5M
	b	Illustrates about standard streams.	5M

OR

3	a	How can you say that Unix operating system provides more security than other operating systems?	5M
	b	Explain umask command.	5M

UNIT-II

4	a	Discuss about Standard Streams. Explain Briefly.	5M
	b	Describe how to resume foreground and kill background job by using kill options.	5M

OR

5	a	Explain in detail about command line editing with basic vi commands.	5M
	b	Discuss pipe and tee command with suitable example.	5M

UNIT-III

6	a	What is mail? Briefly Explain?	5M
	b	Explain how text manipulation is done in vi.	5M

OR

7	a	Explain talk and write commands.	6M
	b	Explain cmp & diff commands with its syntax and example.	4M

UNIT-IV

8	a	Describe the grep family.	6M
	b	Illustrate the startup scripts (files) in the Korn Shell.	4M

OR

9	a	List and explain the expressions involved in Korn shell.	5M
	b	What is an option? List Some options and their use.	5M

UNIT-V

10	a	Discuss briefly about the variables associated with C shell.	5M
	b	How debugging scripts work in csh?	5M

OR

11	a	What are the shutdown scripts in the C Shell?	5M
	b	How decision making is done? Explain briefly.	5M

END