SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech II Year II Semester Regular & Supplementary Examinations August-2023
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.	CO1	L1	6M
	b	How can you say that Unix operating system provides more security than other operating systems?	CO1	L2	6M

OR

2	a	Explain about unix file system.	CO1	L2	6M
	b	Explain four text processing utility commands.	CO1	L2	6M

UNIT-II

3	a	Define Filter and discuss any five types of filters.	CO2	L1	6M
	b	Explain sort command with its options.	CO2	L2	6M

OR

4	a	Discuss about Standard Streams? Explain Briefly.	CO2	L2	6M
	b	Discuss pipe and tee command with suitable example.	CO2	L2	6M

UNIT-III

5	What is Korn Shell and its Features?	CO3	L1	12M

OR

6	How decision making is done in? Explain with a program.	CO3	L2	12M

UNIT-IV

7	a	Explain startup and shutdown scripts in C shell.	CO4	L2	6M
	b	What is C Shell? Explain two Special files.	CO4	L1	6M

OR

8	List and explain the expressions involved in C shell.	CO4	L1	12M

UNIT-V

9	Explain various types of system calls in UNIX.	CO5	L2	12M

OR

10	a	Explain the following System call with syntax : i) creat ii) write	CO5	L2	6M
	b	Explain the following Directory API with example : i) closedir ii) opendir	CO5	L2	6M

*** END ***