O.P.Code: 20CI0603

R20

H.T.No.

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

## B.Tech II Year II Semester Regular & Supplementary Examinations June-2024 UNIX & SHELL PROGRAMMING

		(Computer Science & Information Technology)			
Tin	ıe:	3 Hours	Max.	Mark	s: 60
		(Answer all Five Units $5 \times 12 = 60$ Marks)			
		UNIT-I			
1	a	Describe in detail about the Architecture of UNIX.	CO1	L1	6M
-		Express vi Editor and explain its modes.	CO1	L2	6M
	~	OR			01.1
2	a	Describe the commands listed below:	CO1	L1	6M
		i) mkdir ii) rmdir iii) cat iv) cd			• • • • • • • • • • • • • • • • • • • •
	b	Explain about unix file system.	CO1	<b>L2</b>	6M
		UNIT-II			
3	9	Define Filter and discuss any five types of filters.	CO2	L1	6M
J		Discuss about Standard Streams? Explain Briefly.	CO2	L2	6M
	N	OR	C02	1.2	UIVI
4	a	what are the three unix commands used to compare the contents of file?	CO2	L1	6M
-	••	Explain each command in detail.	002		01/1
	b	Explain about Command Execution?	CO2	<b>L2</b>	6M
		UNIT-III			
5	a	Explain the command history of Korn shell.	CO3	L2	6M
		Write a shell script for performing the arithmetic operations.	CO3	L6	6M
	~	OR	000	Lo	0111
6	a	What is an Environment variable? List out the environment variables.	CO3	L1	6M
_	b		CO3	L2	6M
		scripts.			
		UNIT-IV			
7	9	What is C Shell and its Features?	CO4	L1	6M
,		How argument validation is done in C shell?	CO4	L2	6M
	D	OR	co.		OIVE
8	a	What is C Shell? Explain two Special files.	CO4	L1	6M
J		Explain the command history of C shell.	CO4	L2	6M
		UNIT-V			J
9	9	What is a File? What are different types of files available in UNIX.	CO5	L1	6M
		Explain the following System call with syntax:	CO5	L2	6M
	b	i) creat ii) write	COS	1.14	UIVI
		OR			
10	9	Define System call. Differentiate between system calls and library	CO5	L1	6M
10	••	functions.	003	A.d A.	OIVI
	b	Explain various types of system calls in UNIX.	CO5	L2	6M
	.,	*** END ***			VATE
		and the			