Roll	No.	Total Pages : 2			UNIT-III	
		BT-7/DX 8706	5.	(a)	How static and dynamic libraries are created? Explain with example.	1
		UNIX AND LINUX PROGRAMMING		(b)	How large projects are managed by gcc compiter	,
Paper: CSE-471					Explain with example.	,
		Opt. (i)				
Time: Three Hours] [Maximum Marks: 75			6.	(a)	Explain concept of Debugging. How gdb plays role of	F
				4.	debugger in UNIX operating system?	
Not		tempt five questions in all, selecting at least one question		(b)	Write short note on Dynamic Memory Management.	
	fro	om each unit.			UNIT-IV	
		UNIT-I	7	(a)	What are various init run levels? Describe initialization	
1.	Wha	at is an Operating System? Explain various features of	7.	(a)	process in Linux operating system.	
	Linu	ix operating system in detail.		(h)	Describe various archieving commands available in	
		and a selection of the larger of the		A.	unix operating system with examples.	
2.	(a)	Explain the role of Shell as command processor with	71.	4 12	unix operating system with examples.	
		example.	8.	Writ	te short notes on the following:	
	(b)	Discuss types of Files available in Unix file system and	0.	(i)	i-node table.	
		list at least five commands used for file system. 7		(ii)	Signal Handlers.	
				100 00000000000000000000000000000000000	Soname. 5	
		UNIT-II		(111)		10
3.	(a)	Write a Script using (i) sed, and (ii) grep to find string "hello" in a file.				
	(b)	Explain strength of 'awk' language. How is it different				
	(-)	from 'Perl' language?				
4.	(a)	Explain and differentiate grep, egrep and fgrep by				
	necosies.	giving example.	ii.			
	(b)	Discuss role of regular expressions in UNIX operating	,			
	2000	system and explain its character set.				