		19.	19. Mention the process scheduling techniques adopted in Unix
	ANNA UNIVERSITY COIMBATORE	20.	Mention the functions of Line discipline in Unix
	B.E. / B.TECH. DEGREE EXAMINATIONS : MAY / JUNE 2010		
	REGULATIONS - 2007		PART – B
	SIXTH SEMESTER		(5 x 12 = 60 MARKS)
	070230040 - UNIX INTERNALS	ANSWER ANY FIVE QUESTIONS	
	(COMMON TO CSE / IT)		
TIME	: 3 Hours Max.Marks : 100	21. a	Explain the generic Architecture of Unix Systems. 8
	PART – A		
	(20 x 2 = 40 MARKS)	b	Explain in detail the advantages of Unix over other operating systems. 4
	ANSWER ALL QUESTIONS		
۱.	How the Unix file system is characterized?	22.	Explain in detail the scenarios for retrieval of a Buffer.
2.	Define a Kernel		그는 것은 것이 많은 것이 같이 같이 같이 많이
3.	Write the disk inode of a sample file	23. a	Write the procedure for conversion of a byte offset to block number in file
4.	What is fork System call?		system.
5.	What are the building block primitives of UNIX		
5.	What are the levels of execution of user process on Unix?	b	Write the algorithm for conversion of a path to an inode. 6
	Mention any two advantages of buffer cache?		
3.	Write the algorithm for reading a Disk block?	24.	Explain in detail the Read System Call and Write System Call.
).	What is super block?		
0.	Trace the use of pipes in Unix.	25.	Draw the process state transition diagram in Unix and explain
1.	Write the syntax for STAT AND FSTAT.		
2.	What is the purpose of Dup system call?	26.	Write the Algorithm for Booting the system and Init.
3.	What are the data structures that describe the state of a process?		
4.	Write an algorithm on context switch.	27	Write the Algorithm for allocating Space from Maps.
5.	What is the purpose of Signal? Write any two classifications.		
6.	Devise a formula for calculating decay of CPU usage and Process priority.	28.	Show how I / O bound process are handled in Unix with a suitable example
7.	List the short comings on demand paging.		
8.	How device drivers are represented in Unix? Give an example	*****THE END*****	
	Manager Manager Manager No. 2017년 1977년 1978년 1977년		

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