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(b)

File protection

BICS-019

B. TECH.-VIEP-COMPUTER SCIENCE AND ENGINEERING (BTCSVI)

Term-End Examination June, 2019

BICS-019: OPERATING SYSTEMS

1 6	ime: 3 Hours Maximum	Maximum Marks : 70			
No	Note : Answer any seven questions. All questions carry equal marks.				
1.	. Define Operating System. Expressources and characteristics of an system.				
2.	. Illustrate threads in operating syste help of an example.	m with the			
3.	. What is Virtual Memory ? Brief implementation of segmentation syst				
4.	. What are the different file or techniques? Discuss their access med	_			
		10			
5.	. Explain the following:				
	(a) Directory system	5			

6.	Describe the following:		
	(a)	Pre-emptive scheduling	5
	(b)	Non-pre-emptive scheduling	5
7.	(a)	Explain the need of Process Control Bl (PCB).	ock 5
	(b)	What is deadlock? List necess conditions for the occurrence of deadlock	
8.		ine paging. Discuss in detail about par mory management and its implementation	
			10
9.	Hov	v are static and dynamic linking handled	l in
	mer	nory management?	10
10.	Exp	lain and compare the short-term, medic	ım-
		n and long-term schedulers.	10