Q.I	P. Code: 20	CS0507	,										R	20
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		1 11 12				(AUT								
	B. Iec	h li Ye	arlS	emest		Supple ERAT					ions No	vember-20)22	
				()		mon to								
Tin	Time: 3 hours Max.													
				(Answ	er al		Units UNI		2 = 6	0 Mar	·ks)			
8	a Distinguish between Multitasking and Multiprogramming.												L4	6M
I	b Discuss th	Discuss the few of the services provided by an operating system.										L6	6M	
	X7	4		. 11 .			OF	R					I A	4.000
	Vrite a short note on the following: Real Time Systems											L3	12M	
	i) Distribute													
	ii) Simple b													
							UNI	Γ -ΙΙ						
8					-								L2	6M
ł	b Discuss multithreading models with neat diagrams. OR												L6	6M
I	Build SJF ,P	riority (CPU S	chedul	ing a	lgorith			en Pro	oblem	•		L3	12M
-	Proc			P1	1.5	P2		0	>3		P4	1		1.4111
	Process			8	_	4					5	-		
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×		' 0.11		D 1		-	JNIT	-						
	What is Monitor? Illustrate Reader's & Writer's problem using semaphore.											L2	12M	
, I	Write about	OR Write about Deadlock Prevention Methods.											L3	12M
	UNIT-IV													
I	ist the different Disk scheduling algorithms with their comparisons.											L4	12M	
							OF							
	Consider the following reference string 7,0,1,2,0,3,0,4,2,3,0,3,2,1,2,0,1,7,0, Assume there are three frames. Apply LRU replacement algorithm to the reference												L5	12M
	sting above a													
	replacement													
	algorithm.	U							-					
						Į.	UNIT	Γ-V						
	a Explain about Grouping Free space management technique.													6M
ł	b How dire	ctory ca	n be I	mplem	ented	d using			·				L1	6M
) 8	a Illustrate	nrotecti	on mo	chanics	me		OF	ς					L2	6M
	b Write a sł	-											LZ L3	6M

*** END ***