## Course Name:

Course Outcome

CO1- Understand the classification of operating system environment.

CO2- Understand the basic of process management.

CO3- Apply the concept of CPU process scheduling for the given scenarios.

CO4- Illustrate the process synchronization and concurrency process in operating system.

CO5- Analyze the occurrence of deadlock in operating system.

CO6- Describe and analyze the memory management and its allocation policies.

CO7- Understand the concepts of disk scheduling

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11

## Mid Term Examination, Even Semester 2022-23 B. Tech. (CSE), II Year, III Semester **Operating Systems (BCSC0004)**

Time: 2 Hours		1,0	aaximum Marks: Ju
Instruction for students:			
டுத்த முறையுள்ளது. இது இதுகை வூறையுக்கு இந்த கிறு கிறுக்கு வடிய வடிய கிறு கிறு கடிய வடிய வடிய கிறு குறு குறு இது காறு வடிய வடிய கிறு	· · · · · · · · · · · · · · · · · · ·		
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		P3	1	2		,			^	
		P4	2	3						
		P5	1	5						
	Calculate the Remaining Ti	average proces ime First (SRTF	s turnaround  (F) CPU sched	time (in msec) using duling algorithm?	g the shortest					
2	How it satisfie	es all conditions	s of process s	for Process synchron synchronization?		3	4	Е	М	
3	Why Operatir monolithic ke	ng system calle mel on basic of	d Resource M structure, si	Manager? Discrimina ze and speed.	ite Micro and	3	1	R, U	F	Section of the second section of the section of the second section of the second section of the second section of the se
4	Differentiate b Multiprocessing		rogramming	, Multitasking and		3	- Second	An	c	

Which scheduler decide the degree of multiprogramming? Explain Mid-

term scheduler with diagram.

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			Section -	5 X 3 = 15 Marks				
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