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SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain how an Operating System functions as an interface between the user and the computer hardware	K1	CO1
		(OR)		
	11.b.	Write about process control structure.		
2	12.a.	Summarize the user level threads.	K2	CO2
		(OR)		
	12.b.	Explain deadlock prevention.		
3	13.a.	Illustrate memory management requirements.	K2	CO3
		(OR)		
	13.b.	Examine Shortest Process Next scheduling neatly		
4	14.a.	Illustrate Direct Memory Access.	K3	CO4
		(OR)		
	14.b.	Briefly define the disk scheduling policies.		
5	15.a.	Explain about file management systems.	K4	CO5
		(OR)		
	15.b.	Discuss neatly about file sharing.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Describe five state model of the process.	K1	CO1
2	17	Explain deadlock detection algorithm with example.	K2	CO2
3	18	Discuss about paging in memory management.	K2	CO3
4	19	Explain I/O buffering neatly.	K3	CO4
5	20	List and briefly define five file organization.	K4	CO5

Z-Z-Z END