

Q. P. Code: 39322

Hours:03

Marks: 80

N.B.1)	Question	No.1 is	compu	lsory.
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- 2) Attempt any three questions out of remaining five questions.
- 3) Assume suitable data whenever required but justify the same.
- 4) Assumptions made should be clearly stated.

1	(a) Explain Readers - Writers synchronization problem in Distributed operating system	10
	(b) Explain and analyze Raymond's tree based algorithm	10
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2.	(a) Describe two phase commit protocol of fault tolerance	10
	(b) ExplainDistributed Database System. What is the serializability condition in DDBS?	10
3.	(a) Write a note on cloud OS	10
	(b)Define Real Time System. Explain types of real time task with example	10
4.	(a) Write the Ho-Ramamurthy's centralize deadlock detection algorithm	10
	(b) Explain priority inversion in RTOS	10
No.		
5.	(a) Write classifications of agreement problems in Distributed system	10
	(b) Explain different issues of load Distribution	10
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6.	(a) What are the ways of implementing backward error recovery? Explain in detail.	10
300	(b) Explain Rate monotonic scheduling algorithm in RTOS	10
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