Sem- V (CBsas) - Distributed computing of coud computing Novi-2016.

QP CODE: 516500

		3 HOURS	Total Marks: 80		
		N.B.	1. Question No. 1 is compulsory.		
			2. Answer any FOUR from the remaining SIX questions		
			3. Figures to the right indicate full marks.	4	
	a.	A clock o	the concept of logical clocks and their importance in distributed system. If a computer system must never run backward. Explain how this issue and the with implementation of logical clock.	10	
	b.		Explain in details how the existence of multiple computers in distributed system is 10 made invisible and only single system image is provided to the user.		
2	a. b.	Sold and the second sec	Election Algorithm in detail with diagram. rarious Clock Synchronization Algorithm in detail.	8 7	
3	a.		Stub? Explain how the use of Stubs helps in making an RPC mechanism	8	
	b.	transparent. What are the Load Balancing transfer policies used for distributed system management.		7	
4.	a. b.	different	ne process migration important in Distributed System? What are address—space transfer mechanisms used in process transfer. Critical Section? How will you implement Mutual Exclusion Algorithm?	8	
5.	a.		threads? How they are different from process? Explain various Thread	8	
	b.	Explain I	Different Consistencies Model for Distributed Shared Memory System.	7	
6.	a.	What is 0	Cloud Computing. Discuss the characteristics of Cloud Computing.	8	
	b.	How the	Data Security maintained in the cloud?	7	
7.		Write a sl	nort note on any Three of the following:-	15	
	i,	Grid Con	iputing		
	i:.	Total ord	ering of the Event		
	řii.	Failure H	andling Mechanism		
	iv.	Call Bac	k RPC		
	v.	Happened	d Before Relation		
