GUJARAT TECHNOLOGICAL UNIVERSITY ME - SEMESTER- II EXAMINATION – SUMMER 2017

Subject Code:2725603 Date:29/0 Subject Name: Cloud Computing			5/2017	
Tir	ne: 0 ructio 1. 2.	2:30 PM to 05:00 PM Total Marks: ons: Attempt all questions.	70	
Q.1	(a) (b)	Discuss advantages and disadvantages of Cloud Computing. Explain Distributed Computing, Cluster Computing and Grid Computing.	07 07	
Q.2	(a)	How Cloud Computing provides flexibility, elasticity, utility computing and multi-tenancy?	07	
	(b)	Explain Cloud Deployment Model. OR	07	
	(b)	Explain Shared Memory MIMD Model and Distributed Memory MIMD Model.	07	
Q.3	(a) (b)	What is Virtualization? Explain Hosted and Native Virtual Machine. Differentiate Para virtualization and Emulation. OR	07 07	
Q.3	(a) (b)	Differentiate Full virtualization and OS level virtualization. What is Hypervisor? Explain Hypervisor Reference Architecture.	07 07	
Q.4	(a) (b)	Explain OWL. Explain SaaS.	07 07	
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Q.4	(a) (b)	Explain SOAP and WSDL. Explain Amazon Simple Storage Service.	07 07	
Q.5	(a)	What is Data-Intensive Computing? Discuss the Challenges for Data-Intensive Computing.	07	
	(b)	Explain MapReduce Model.	07	
Q.5	(a) (b)	OR What are different challenges and risks in cloud computing? Explain Community Clouds.	07 07	
