GUJARAT TECHNOLOGICAL UNIVERSITY
ME – SEMESTER – III(New)• EXAMINATION – SUMMER - 2020

Subject Code:3730208   **Date: 27/10/2020**
Subject Name: Cloud Computing
Time: 02:30 AM To 05:00 PM   **Total Marks: 70**
Instructions:
   1. **Attempt all questions.**
   2. **Make suitable assumptions wherever necessary.**
   3. **Figures to the right indicate full marks.**

Q.1	**(a)**	Define the word Cloud computing. Explain it's characteristics and attributes.	**07**
	(b)	Draw and explain Cloud computing architecture in details.	**07**
Q.2	**(a)**	What is SPI ? Discuss the SPI Cloud Services Models in detail.	**07**
	(b)	What is Virtualization? Explain CPU Virtualization in detail.	**07**
		OR	
	(b)	Explain Hypervisors Storage Virtualization in Cloud Computing.	**07**
Q.3	**(a)**	Explain cloud deployment models in detail with their advantages and disadvantages.	**07**
	(b)	Explain Infrastructure security at Network Level.	**07**
		OR	
Q.3	**(a)**	Explain Data provider and it's security in cloud computing.	**07**
	(b)	What is IAM ? Draw and explain IAM architecture.	**07**
Q.4	**(a)**	Explain IAM Standards and Protocols for Cloud Services.	**07**
	(b)	How Cloud computing perform cloud authorization management ?	**07**
		OR	
Q.4	**(a)**	Explain Security Management Standards in cloud computing.	**07**
	(b)	Which are Security management areas for securing services in the cloud computing ?	**07**
Q.5	**(a)**	Explain IaaS and SaaS Availability Management.	**07**
	(b)	What are the key privacy concerns in the Cloud ?	**07**
		OR	
Q.5	**(a)**	Enlist the name of cloud service providers and Explain.	**07**
	(b)	How to manage heterogeneous applications in cloud computing.	**07**

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