Seat No.: _____   Enrolment No._____

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

Subject Code: 3730208   **Date:02/01/2021**
Subject Name: Cloud Computing
Time: 10:30 AM TO 12:30 PM   **Total Marks: 56**
Instructions:
   1. **Attempt any FOUR questions out of EIGHT questions.**
   2. **Make suitable assumptions wherever necessary.**
   3. **Figures to the right indicate full marks.**

Q.1	**(a)**	Cloud computing has as its antecedents both client/server computing and peer-to-peer distributed computing. Explain	**07**
	(b)	Why is a virtualization platform needed in implementing cloud?	**07**
Q.2	**(a)**	Discuss different methods of resource provisioning and platform deployment in detail with a neat diagram.	**07**
	(b)	Explain List the Pros and Cons of cloud computing.	**07**
Q.3	**(a)**	List out Novel applications of cloud computing. Explain any one of them.	**07**
	(b)	Explain cloud application Architecture	**07**
Q.4	**(a)**	How are hybrid clouds implemented?	**07**
	(b)	Explain the various design challenges for effective cloud computing environment.	**07**
Q.5	**(a)**	Explain Security-as-a-Cloud	**07**
	(b)	Explain functionalities of Identity and Access Management (IAM)	**07**
Q.6	**(a)**	What are security and compliance requirements in a public cloud?	**07**
	(b)	Explain IaaS, PaaS, and SaaS in details.	**07**
Q.7	**(a)**	Write down International Laws and Regulations in brief.	**07**
	(b)	Compare the services offered by Azure,AWS,GOOGLE	**07**
Q.8	**(a)**	Explain phishing attack on cloud.	**07**
	(b)	Explain attribute based encryption algorithm for cloud.	**07**

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