GUJARAT TECHNOLOGICAL UNIVERSITY
MCA – SEMESTER –IV • EXAMINATION – SUMMER 2018

Subject Code: 2640013   **Date: 30-May-2018**
Subject Name: Cloud Computing
Time: 10.30 am to 1.00 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)**	What is an innovative characteristic of cloud computing? Explain in brief with its technologies on cloud computing relies	**07**
	(b)	What is virtualization? What are its benefits?	**07**
Q.2	**(a)**	What is SLA? Explain various challenges of cloud computing in brief	**07**
	(b)	Differentiate parallel and distributive computing	**07**
		OR	
	(b)	Provide brief characterization of distributive system	**07**
Q.3	**(a)**	List and explain different types of virtualization	**07**
	(b)	Define cloud computing. Explain it with PAAS(Platform as a service)	**07**
		OR	
Q.3	**(a)**	Explain one cloud based cloud application based on healthcare	**07**
	(b)	Describe Amazon EC2 with features	**07**
Q.4	**(a)**	Explain one cloud based cloud application based on social media platform	**07**
	(b)	Explain prons and crons of virtualization	**07**
		OR	
Q.4	**(a)**	Write short note on google app platform architecture	**07**
	(b)	Compare hardware and software power management techniques	**07**
Q.5	**(a)**	What is bucket? What types of storage it provide?	**07**
	(b)	Write short note on vmware technology for virtualization	**07**
		OR	
Q.5	**(a)**	What are types of cloud? Explain any 2 in detail	**07**
	(b)	Describe the core component of app engine	**07**

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