Seat No.:	Enrolment No
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII (NEW) - EXAMINATION – SUMMER 2017 Subject Code: 2180712 Date: 02/05/2017 Subject Name: Cloud Infrastructure and Services(Departmental Elective -

III)	
Time: 10:30 AM to 01:00 PM	Total Marks: 70

Instructions:

- Attempt all questions.
 Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Q.1	(a)	Define Cloud, On Demand self service, Resource pooling, Broad Network access, Rapid elasticity and Measured services.	07
	(b)	Explain Public, Private, Community and Hybrid Cloud.	07
Q.2	(a)	Explain SAAS with an example?	07
	(b)	Explain Virtualization and Hypervisor? OR	07
	(b)	Compare different cloud service provider?	07
Q.3	(a)	Explain Dynamo DB and ElastiCache?	07
	(b)	Explain Amazon S3? Explain Amazon S3 API? What are the operations we can execute through API	07
		OR	
Q.3	(a) (b)	What do you mean by Disaster recovery in cloud and how we can deal with it? What is Glacier and how it is beneficial?	07 07
Q.4	(a)	How machine Imaging help to achieve the goal of cloud computing?	07
	(b)	How we can say our data is secure on cloud and what are the challenges to achieve it?	07
		OR	
Q.4	(a) (b)	Explain Virtual Private cloud and Redshift? Illustrate different service model of cloud.	07 07
Q.5	(a) (b)	What do you mean by Identity Management and Access Management? What is cloud watch and cloud formation?	07 07
	` /	OR	
Q.5	(a)	How AWS deals with Disaster recovery?	07
	(b)	What is elastic load balancing and how it reduces the workload?	07
