Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY ME SEMESTER- III (NEW) EXAMINATION – SUMMER 2017

Date: 02/05/2017

Subject Code: 2730208

Time:02:30 pm to 05:00 pm Total Marks: 70

Instructions:

1. Attempt all questions.

Need of standards in cloud

- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Q.1	(a)	Explain various cloud service models. Give at least three names & examples of each cloud service model.	07
	(b)	Enlist benefits of cloud computing.	07
Q.2	(a)	Write a short note on Virtualization technology.	07
	(b)	Describe following with respect to cloud.	07
		- Vendor locking	
		- Total cost of ownership OR	
	(b)	Explain various types of hypervisors.	07
	(D)		U/
Q.3	(a)	Explain managed and unmanaged cloud storge.	07
	(b)	Explain with example: Application porting in cloud	07
		OR	
Q.3	(a)	Write a short note on PaaS Application frameworks. Give example of any PaaS framework.	07
	(b)	Explain with example: Virtual machine Imaging	07
Q.4	(a)	Explain following with respect to cloud computing	07
~··	(4)	- Scalability	0.
	<i>-</i> .	- Elasticity	
	(b)	What is the use of identity standard? Write a note on any identity protocol standard.	07
		OR	
Q.4	(a)	Write a short note on load balancing techniques in cloud.	07
	(b)	Explain various mechanisms for securing data in cloud	07
Q.5	(a)	Write a short note on Google app engine.	07
•	(b)	Write a note on Eucalyptus private cloud.	07
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Q.5	(a)	Write a short note on Amazon EC2.	07
•	(b)	Describe following with respect to cloud.	07
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