Seat No.:	Enrolment No
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GUJARAT TECHNOLOGICAL UNIVERSITY

~		M. E SEMESTER – II • EXAMINATION – WINTER • 2013	
•		code: 1722306 Date: 02-01-2014	
U		Name: Cloud and Grid Computing 0.30 am – 01.00 pm Total Marks: 70	
		ions:	
		Attempt all questions.	
	2.	Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Q.1	(a) (b)	Discuss six key properties of cloud computing from google's perspective. What is grid computing? Explain components of grid and grid Architecture.	07 07
Q.2	(a) (b)	Explain significant barriers to the widespread adoption of cloud computing. Explain various grid Computing environments and its features. OR	07 07
	(b)	Discuss How Cloud computing works in detail with its architecture.	07
Q.3	(a)	Discuss cloud service offering from Amazon, Google App Engine and Salesforce.com.	07
	(b)	Discuss SETI@Home project and explain how data distribution is done in it. OR	07
Q.3	(a)	How Virtual company can be setup using cloud computing? Give Example and explain.	07
	(b)	Explain Grid Programming Models.	07
Q.4	(a) (b)	What is Cloud Storage? Explain benefits and risk of cloud storage. Discuss features of event management application in cloud computing. Explain "Cvent" event management offerings. OR	07 07
Q.4	(a) (b)	Write a short note on Sun Grid Engine explaining its architecture Explain pros and cons of cloud computing.	07 07
Q.5	(a) (b)	What is CRM? Explain Salesforce.com's CRM offering. Discuss types of Cloud service development with examples. OR	07 07
Q.5	(a) (b)	Write a short note on Grid Resource Management and Scheduling. Discuss about security mechanism in Grid computing Environment.	07 07
