Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER– II(Old course) • EXAMINATION (Remedial) – WINTER- 2015

Subject Code: 1722306 **Date: 14/12/2015**

Subject Name: Cloud and Grid Computing

Time:2:30 pm to 5:00 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)**	Write a short note on Grid computing Environment.	**07**
	(b)	What is cloud computing? Give the major characteristics of the Cloud computing.	**07**
Q.2	**(a)**	Give the architecture of cloud computing and discuss about the cloud services.	**07**
	(b)	What is Software as a Service? Discuss tools offered different companies for it.	**07**
		OR	
	(b)	Write a short note on Grid Resource Management and Scheduling.	**07**
Q.3	**(a)**	Write a short note on Sun Grid Engine explaining its architecture.	**07**
	(b)	Briefly discuss Grid Security.	**07**
		OR	
Q.3	**(a)**	Write a note on SETI Grid Project.	**07**
	(b)	List and discuss Grid Meta models.	**07**
Q.4	**(a)**	Explore the Google Calendar in the Context of Cloud Application and either as PaaS or SaaS. And Show How does ñeStudio Calendar for Businessò provides business features?	**07**
	(b)	Discuss about collaboration on project management with at least two examples.	**07**
		OR	
Q.4	**(a)**	Discuss usersô types & risks of Data storing in terms of Cloud Storage.	**07**
	(b)	Discuss about collaboration on databases with at least two examples.	**07**
Q.5	**(a)**	Discuss cloud service offering from Amazon, Google App Engine and Salesforce.com.	**07**
	(b)	What is Grid computing? What are various types of grids? Give the benefits and limitations of grid computing.	**07**
		OR	
Q.5	**(a)**	Discuss about collaborating on: schedules, contact lists, event schedules and management.	**07**
	(b)	Discuss the general architecture for the grid computing.	**07**

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