	Sea	t No.: Enrolment No	
	GUJARAT TECHNOLOGICAL UNIVERSITY		
	C1	M.E -II st SEMESTER-EXAMINATION – JULY- 2012	
		bject code: 1722306 Date: 12/07/2012 bject Name: Cloud & Grid Computing	
		ne: 10:30 am – 13:00 pm Total Marks: 70	
		structions:	
		1. Attempt all questions.	
		2. Make suitable assumptions wherever necessary.	
		3. Figures to the right indicate full marks.	
Q.1		Answer the following questions.	02
		 Discuss 2rd generation Grid Technology. Discuss users' types & risks of Data storing w.r.to Cloud Storage. 	03 03
		3. Give example of National Grid project in brief.	03
		4. Write in brief SETI Grid Project.	03
		5. Write in brief: Grid Security.	02
Q.2	(a)	What are pros and cons of Cloud Computing?	07
	(b)	Discuss Cloud Architecture, Cloud Deployment models & various Cloud Services. OR	07
	(b)	Answer the following questions.	
		1. Discuss implementation of all types of Collaborating on various Schedules.	04
0.2	(-)	2. How Resource Virtualization can be implemented using Grid Computing?	03
Q.3	(a)	What are features, functionalities and implementation of Sun Grid Engine? Discuss in detail.	07
	(b)	What is the significance of Resource balancing in Grid Computing Environment? How is	07
		it implemented? Discuss it with a suitable example.	
0.3	(a)	OR	
Q.3	(a)	Answer the following questions. 1. Write a note on Web-based Contact management using an example of Salesforce.com.	05
		2. List photo editing applications & photo sharing communities.	0.0
			02
	(b)	Answer the following questions.	05
		 Discuss Cloud collaborating on Calendars using two examples. How are Cloud and Semantic web related? 	05 02
Q.4	(a)	Write Cloud Collaboration in Word processor using benefits, types of users' w.r.to Google	07
		Docs.	
	(b)	List organizations providing Cloud Development Services & tools. Explain Amazon &	07
		Salesforce in detail. OR	
Q.4	(a)	Answer the following questions.	
		1. What are performance monitoring issues in Grid Computing?	04
0.4	(l -)	2. Describe various applications supported on Grid platform.	03
Q.4	(b)	Discuss implementation steps of application like Google calendar and features provided by it. Compare it with Yahoo calendar.	07
Q.5	(a)	What are the components of Grid Application software? Explain their relative significance	07
		also.	
	(b)	List types of Cloud Service developments and Explain SaaS & IaaS.	07
Q.5	(a)	OR What are the functions performed by Grid Meta models and discuss any two meta models	07
Q.S	(4)	in detail.	
	(b)	Answer the following questions.	
		1. Discuss properties of Cloud Computing.	04
		2. Draw event management modules in Cloud Services.	03
