## **GUJARAT TECHNOLOGICAL UNIVERSITY** BE - SEMESTER-VII • EXAMINATION – WINTER 2013

Subject Code: 170704			Date: 28-11-2013
Subject Name: Advance Computing Technology Time: 10:30 TO 01:00 T Instructions:			Total Marks: 70
<ol> <li>Attempt all questions.</li> <li>Make suitable assumptions wherever necessary.</li> <li>Figures to the right indicate full marks.</li> </ol>			
Q.1	<b>(a)</b>	Explain Grid architecture	07
	<b>(b)</b>	Using appropriate example explain IaaS	07
Q.2	(a)	Using appropriate example illustrate how the SaaS model w	vorks 07
	<b>(b</b> )	List and Explain critique perspectives of Grid	07
	(b)	<b>OR</b> Explain important function of Technical interface	07
	(U)	Explain important function of Technical interface	07
Q.3	(a)	List and explain steps for setting up the cluster	07
	<b>(b)</b>	Explain important role of grid middleware	07
		OR	
Q.3	(a)	List and explain steps for System Tuning of cluster	07
	<b>(b</b> )	Explain important role of cluster middleware	07
Q.4	(a)	Explain in detail about cloud work load	07
-	<b>(b)</b>	Explain important of collective layer	07
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Q.4	(a)	Explain in detail about scaling computer systems in cloud	07
	<b>(b</b> )	Discuss about Clusters of SMPS	07
Q.5	(a)	Discuss about inter grid protocols	07
-	<b>(b)</b>	Explain important characteristics of hybrid cloud	07
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Q.5	(a)	Explain in detail Virtual organizations	07
	<b>(b)</b>	Explain important characteristics of cloud data center	07
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