Seat No.: _		Enrolment No		
	GUJARAT TECHNOLOGICAL UNIVERSITY BE- VII <sup>th</sup> SEMESTER-EXAMINATION – MAY/JUNE- 2012			
			ate: 28/05/2012	
Subj	ect N	lame: Advance computing Technology		
Time	: 02	30 pm – 05:00 pm Total Mar	Total Marks: 70	
Instr				
		empt all questions.		
		ke suitable assumptions wherever necessary.  Ires to the right indicate full marks.		
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Q.1	(a)	Define cluster computing and explain its components with an	07	
	<b>(b)</b>	architecture diagram in detail?  Explain the scalable parallel computer architecture in detail	07	
	(D)	Explain the scalable parameteomputer architecture in detail	U7	
Q.2	(a)	Explain in detail the various steps involved in establishing a cluster	07	
	<b>(b)</b>	Explain the flexible load sharing algorithm in detail	07	
	<b>(b)</b>	OR Explain Cluster Tuning	07	
	(D)	Explain Cluster Tulling	U7	
Q.3	(a)	Define grid computing and explain the various building blocks of the	07	
		grid.		
	<b>(b)</b>		07	
Q.3	(a)	OR Discuss in detail the history of grid computing.	07	
Q.J	(b)	Explain in detail the role of virtual organization in grid computing.	07	
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Q.4	(a) (b)		07 07	
	( <b>D</b> )	OR	07	
Q.4	(a)	Define cloud computing and explain its features in detail.	07	
	<b>(b)</b>	Discuss about workload in cloud.	07	
Q.5	(a)	Compare traditional and cloud data center on cost factor.	07	
Q.S	(a) (b)	Explain the various types of cloud computing.	07	
	()	OR	••	
Q.5	(a)	Discuss about the various players of cloud computing	07	
	<b>(b)</b>	Explain Iaas technology in cloud computing with a real time example.	07	

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