Seat No.: Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY					
Sı	ıhiect	M. E SEMESTER – II • EXAMINATION – WINTER • 2014 t code: 1720102 Date: 03-12-2014			
	Subject Name: Distributed Computing & Application				
Time: 02:30 pm - 05:00 pm Total Marks: 70					
Instructions:					
111		. Attempt all questions.			
		. Make suitable assumptions wherever necessary.			
	3.	. Figures to the right indicate full marks.			
Q.1	(a)	Write strength and weakness of distributed computing.	07		
C	(b)	Explain data marshaling in IPC with example.	0		
Q.2	(a)	Explain concurrent server with example.	07		
	(b)	Explain distributed objects paradigms.	07		
		OR			
	(b)	Explain tradeoff between different distributed computing paradigms.	07		
Q.3	(a)	Explain stream mode socket API.	07		
	(b)	Explain connection oriented datagram socket API with code.	07		
Q.3	(a)	OR Explain connectionless client server paradigm.	07		
	(b)	Write steps for building an RMI application.	07		
Q.4	(a)	Explain java IDL with example.	07		
	(a) (b)	Explain Java IDE with example. Explain basic CORBA architecture and inter ORB protocols.	0		
	(6)	OR	0		
Q.4	(a)	Explain Model View Controller architecture.	07		
	(b)	Explain servlet life cycle.	07		
Q.5	(a)	Explain web services in brief.	07		
	(b)	Explain API for XMI processing	0′		

Q.5

(a) Explain SOAP in brief.

(b) Explain architecture of cluster computing.

OR

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