Seat No.:		Enrolment No	
	GUJARAT TECHNOLOGICAL UNIVERSITY		
	M.E.	SEMESTER I (old course)–EXAMINATION (Remedial) – WINTER 2015	
Subject code: 710101N Date: 08		code: 710101N Date: 08/12/20	15
	•	Name: Service Oriented Architecture	
Time: 10:30 AM to 1:00 PM Total Marks			
Inst	tructi		
		Attempt all questions. Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Q.1	(a)	Explain the role of registry and UDDI in SOA.	07
	(b)	List and explain challenges to SOA.	07
Q.2	(a)	Enlist characteristics of good service.	07
	(b)	Draw SOA reference architecture.	07
	(b)	OR Explain transparency with respect to SOA	07
	(b)		
Q.3	(a)	Write a note on service lifecycle.	07
	(b)	Explain WSDL with its syntax. OR	07
Q.3	(a)	What do you mean by service orchestration? Explain with suitable examples	07
((b)	Explain relationship between EA and SOA	07
Q.4	(a)	Write a note on applications of XML.	07
~··	(b)	Explain various methods for service realization.	07
	` /	OR	
Q.4	(a)	What is the use of DTD in XML? Give example of it.	07
	(b)	Enlist and explain various types of governance in SOA.	07
Q.5	(a)	Write a program to create web service which takes one number as parameter	07
	(3.)	and replies with odd or even. Also write client program.	٥.
	(b)	Create DTD or schema based data store in XML for managing employees of company with various department. Also write sample XML.	07
		OR	
Q.5	(a)	Write DTD file for managing college student database in XML. Also write	07
	` /	sample XML	
	(b)	Write notes on following.	07
		WS-Addressing 2. WS-Policy	
