Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER– II(New course) • EXAMINATION (Remedial) – WINTER- 2015

Subject Code: 2722301 **Date: 08/12/2015**

Subject Name: SERVICE ORIENTED ARCHITECTURE

Time:2:30 pm to 5:00 pm **Total Marks: 70**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	**(a)**	Explain common misconceptions and tangible benefits of SOA.	**07**
	(b)	Explain WS-Eventing in detail.	**07**
Q.2	**(a)**	Explain any seven common characteristics of contemporary SOA.	**07**
	(b)	Explain J2EE Architecture in detail.	**07**
		OR	
	(b)	Draw and Explain SOA standard Stacks in brief with base four layers.	**07**
Q.3	**(a)**	Explain WS- addressing in detail.	**07**
	(b)	Explain primitive Message Exchange Patterns.	**07**
		OR	
Q.3	**(a)**	Explain Service Life Cycle with example.	**07**
	(b)	Explain WSDL in detail.	**07**
Q.4	**(a)**	Define XML. Compare DTD and XSD with example.	**07**
	(b)	Draw and explain architecture of Web service. What is SOAP? Explain SOAP in brief.	**07**
		OR	
Q.4	**(a)**	Explain WS-Coordination with Atomic Transaction.	**07**
	(b)	Compare the Service Orientation and Object Orientation.	**07**
Q.5	**(a)**	List all and Explain any two principles of Service Orientation in detail.	**07**
	(b)	Explain WS-Metadata Exchange in detail.	**07**
		OR	
Q.5	**(a)**	Explain WS- Policy in detail.	**07**
	(b)	Define and compare Orchestration and Choreography.	**07**

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