Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

ME - SEMESTER-II • EXAMINATION - SUMMER - 2017

Subject Code: 2722301 Date: 25/05/2017 Subject Name: SERVICE ORIENTED ARCHITECTURE

Time: 02:30 PM To 05:00 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 Fundamental Concept of SOA.	<b>07</b>
	<b>(b)</b>	Explain and compare Service Orientation and Object Orientation.	<b>07</b>
Q.2	(a)	Draw and Explain SOA standard Stacks in brief with base four layers.	07
	<b>(b)</b>	Explain .Net Architecture in detail.	07
	<b>(1.)</b>	OR	^=
	<b>(b)</b>	Explain Integration and Interpolation with example.	07
Q.3	(a)	Explain WS-Policy in detail.	07
	<b>(b)</b>	Explain different types of Message Exchange Patterns.	<b>07</b>
		OR	
<b>Q.3</b>	<b>(a)</b>	Explain WS-Reliable Messaging in detail.	<b>07</b>
	<b>(b)</b>	Explain SOAP request and response with sample file.	<b>07</b>
Q.4	(a)	Explain WS- Notification in detail.	07
	<b>(b)</b>	Explain Service Composition in detail.	07
		OR	
<b>Q.4</b>	(a)	Explain BPEL in detail.	07
	<b>(b)</b>	Compare DTD and XSD with proper example.	07
Q.5	(a)	Explain Service Life Cycle in detail.	07
	<b>(b)</b>	Explain WS-Reliable Messaging in detail.	07
		OR	
Q.5	(a)	List all and Explain any two principles of Service Orientated Computing in detail.	07
	<b>(b)</b>	Compare SOAP, UDDI and WSDL.	07

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