

GUJARAT TECHNOLOGICAL UNIVERSITY
ME - SEMESTER-II EXAMINATION – SUMMER 2015

Subject Code: 2722301**Date: 26/05/2015****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 any seven common characteristics of contemporary SOA. **07**
(b) Explain WS- addressing in detail. **07**
- Q.2** (a) Explain common misconceptions and tangible benefits of 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-Eventing 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) Define and compare Orchestration and Choreography. **07**
- OR**
- Q.4** (a) Explain WS-Coordination with Atomic Transaction. **07**
(b) List all and Explain any two principles of Service Orientation in detail. **07**
- Q.5** (a) Compare the Service Orientation and Object Orientation. **07**
(b) Explain WS-Metadata Exchange in detail. **07**
- OR**
- Q.5** (a) Explain WS- Policy in detail. **07**
(b) Draw and explain architecture of Web service. What is SOAP? Explain SOAP in brief. **07**
