

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

ME – SEMESTER II (NEW) – • EXAMINATION – SUMMER 2016

Subject Code: 2722301

Date: 24/05/2016

Subject Name: Service Oriented Architecture

Time: 10:30 am to 01:00 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-Metadata Exchange in detail. 07

- Q.2 (a) Explain common misconceptions and tangible benefits of SOA. 07
(b) Define SOAP. Draw and explain architecture of Web service. 07

OR

- (b) Draw and Explain SOA standard Stacks in brief with base four layers. 07

- Q.3 (a) Define XML. Explain XSD with example. 07
(b) Explain primitive Message Exchange Patterns. 07

OR

- Q.3 (a) Explain Service Life Cycle with example. 07
(b) Explain Orchestration in detail. 07

- Q.4 (a) Explain WS-Eventing in detail. 07
(b) Explain WSDL file structure in detail. 07

OR

- Q.4 (a) Explain WS-Coordination in detail. 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- addressing in detail. 07

OR

- Q.5 (a) Explain WS- Policy in detail. 07
(b) Explain J2EE Architecture in detail. 07
