Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 31516

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2013.

Seventh Semester

Information Technology

IT 2401/IT 71/10144 IT 701 — SERVICE ORIENTED ARCHITECTURE

(Common to Computer Science and Engineering)

(Regulation 2008/2010)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is Architecture?

2. Define Service Oriented Architecture.

3. What is Web Services?

4. List the Web Services Platform Elements.

5. Write the business centric applications of SOA?

6. List out the component specification in Service Modeling.

7. What is Registry?

8. Define Marshalling.

9. List the types of choreography?

10. Define ACID transactions.

PART B — (5 × 16 = 80 marks)

11. (a) Explain briefly about Web services as component wrappers.

Or

    (b) Explain briefly about Anatomy of SOA.

12. (a) Explain briefly about Processing SOAP Messages.

Or

(b) Explain briefly about Technical Requirements for Orchestration and Choreography.

13. (a) Explain briefly about Business-Centric SOA.

Or

(b) Explain briefly about Service Oriented Design and Development.

14. (a) Discuss about typical J2EE service provider.

Or

(b) Explain briefly about JAXB Architecture.

15. (a) Explain briefly about WS-BPEL.

Or

(b) Explain briefly about WS- Choreography Model Description.

2

31516