Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 72060

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2017.

Seventh/Eighth Semester

Information Technology

IT 6801 — SERVICE ORIENTED ARCHITECTURE

(Common to Computer Science and Engineering)

(Regulations 2013)

Time : Three hours　　　　　　　　　　　　　　　　Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is XML?

2. What are two types of WSDL elements?

3. What is meant by XSL formatting?

4. List out the Characteristics of SOA.

5. What are the benefits of SOA?

6. What do you mean by UDDI?

7. Write about JAX-WS.

8. What is J2EE?

9. What are the Standards that Web service depends on?

10. What do you mean by WS-Security?

PART B — (5 × 16 = 80 marks)

11. (a) Briefly explain the characteristics of Web service framework and web service roles.

Or

(b) Explain the XML document Structure.

12. (a) Describe in detail about how to create well-formed XML and XSL Transformations.

Or

(b) Describe in detail about the modeling databases in XML.

13. (a) Give an overview of SOA and explain the Characteristics of SOA.

Or

(b) Compare SOA to Client-server and Distributed internet architecture. (16)

14. (a) Briefly explain Messaging with SOAP and service discovery.

Or

(b) Briefly Explain different types of security attacks and Threats and also give the web service security road map.

15. (a) Explain the overview of SOA and the role of web services with .NET and J2EE Interoperability?

Or

(b) Explain the various standards in the development of web services.

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