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Question Paper Code : 41302

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2018
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. Define Service-oriented architecture.

2. State service component.

3. State the characteristics of Orchestration service layer.

4. Define Soap message.

5. Write the IT-centric entry points.

6. What is the responsibility of the service ?

7. List down the basic platform blocks.

8. Define ASP.NET Web Forms.

9. Mention the three types of Choreography.

10. Define WS-Policy.

PART – B

(5×16=80 Marks)

11. a) Explain the characteristics of SOA in detail.

(OR)

b) Mention the principles of service orientation standardized in detail.

12. a) Discuss on the protocols of Atomic Transaction in detail.

(OR)

b) Describe the elements of Web services platform in detail.

13. a) Explain about the operations in entity centric.

(OR)

b) Compare SOA with distributed client-server architecture. Discuss the anatomy of service oriental architecture.

14. a) Discuss on how SOA is related to the layers of the J2EE platform.

(OR)

b) Mention the benefits of JAX_RPC in detail.

15. a) Describe the Web Services Security Requirements in detail.

(OR)

b) List out the Security Threads in detail.