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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

 $(10\times2=20 \text{ Marks})$ 

- 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.

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