

R09

Code No: D2504

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.TECH II - SEMESTER EXAMINATIONS, APRIL/MAY 2012
SERVICE ORIENTED ARCHITECTURE
(SOFTWARE ENGINEERING)**

Time: 3hours

Max. Marks: 60

**Answer any five questions
All questions carry equal marks**

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- 1.a) Discuss about common characteristics of contemporary SOA.
b) Explain the common tangible benefits and pitfalls of adapting SOA.
- 2.a) Explain the process of evolution of SOA.
b) Discuss clearly about message exchange patterns in SOA.
3. Explain about reliable messaging, correlation, policies and metadata exchange.
- 4.a) Describe the anatomy of SOA.
b) Distinguish between service orientation and object orientation.
- 5.a) Discuss about application service layer and business service layer.
b) Explain the service oriented analysis.
6. Discuss in detail about service modeling.
- 7.a) What is meant by service-oriented design? Discuss the WSDL language basics.
b) Discuss the SOA composing steps.
8. Discuss about service oriented business process design and WS-policy language basics.
