

Code: 9A05802

R09

B.Tech IV Year II Semester (R09) Regular & Supplementary Examinations April 2016

SERVICE ORIENTED ARCHITECTURE

(Common to CSE & CSSE)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) List and explain the common characteristics of contemporary SOA.
(b) Explain the common benefits of SOA.
- 2 (a) How service orientation principles interrelate?
(b) Illustrate how business service layer supports SOA.
- 3 (a) Define the basic structure of SOAP message.
(b) Briefly describe the Service Registry and Service Descriptions with WSDL.
- 4 (a) Describe the basic structure of policy description and WS-policy frame work.
(b) Explain about the Metadata Exchange.
- 5 (a) Write the basics of Business Process Management.
(b) Explain the WS-BPEL language basics.
- 6 (a) Describe how WS-Reliable messaging works in SOA.
(b) Write notes on WS-addressing.
- 7 (a) Explain about the SOA platform configuration scenarios.
(b) Describe Enterprise platforms and SOA.
- 8 (a) Briefly explain the SOA platforms based on J2EE.
(b) Describe how the SOA service layer architecture helps in building the platform.
