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Fifth Semester MCA Degree Examination, Dec.2016/Jan.2017
Service Oriented Architecture

Max. Marks:100

Time: 3 hrs.

Note: Answer any FIVE full questions.

- 1 a. List and explain common characteristics of contemporary SOA. (12 Marks)
b. Which are the tangible benefits of SOA and explain? (08 Marks)
- 2 a. Discuss about the standards organizations and major vendor that contribute to SOA. (10 Marks)
b. Which are the different architecture types? Explain distributed internet architecture and compare with SOA. (10 Marks)
- 3 a. Explain different types of web service roles. (10 Marks)
b. Explain SOAP message frameworks and SOAP nodes. (10 Marks)
- 4 a. What is MEP? Explain various types of MEPs. (10 Marks)
b. Explain atomic transactions in detail. (10 Marks)
- 5 a. What is choreography? Explain in detail. (10 Marks)
b. List and explain common principles of service orientation in detail. (10 Marks)
- 6 a. Explain application service layer. (10 Marks)
b. Explain business service layer and orchestration service layer. (10 Marks)
- 7 a. Explain WS-addressing language basics. (10 Marks)
b. Explain software platforms for enterprise application. (10 Marks)
- 8 Write short notes on the following:
a. WSDL.
b. XML.
c. SOAP.
d. Security. (20 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and/or equating violation by 17-8-50 will be treated as malpractice.