



CBCS SCHEME

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Fifth Semester MCA Degree Examination, June/July 2019 Service Oriented Architecture

Time: 3 hrs.

Max. Marks: 80

Note: Answer FIVE full questions, choosing one full question from each module.

Module-1

- 1 a. Explain, how service encapsulate logic with a support of diagram and hence explain the key aspects of service oriented principles. (08 Marks)
b. Discuss any EIGHT characteristics of contemporary SOA. (08 Marks)

OR

- 2 a. Discuss the contribution of standards to SOA by various organizations. (08 Marks)
b. Bring out the comparison of SOA to client server architecture. (08 Marks)

Module-2

- 3 a. What are the different roles a web service can take? Explain. (09 Marks)
b. What is service endpoint? Explain the categories of WSDL service description. (07 Marks)

OR

- 4 a. Explain the various primitive MEPs. (08 Marks)
b. Explain the concept of orchestration. (08 Marks)

Module-3

- 5 a. Explain Reliable Messaging. (08 Marks)
b. Explain WS – Eventing specification. With basic eventing architecture. (08 Marks)

OR

- 6 a. Discuss the anatomy of service oriented architecture. (12 Marks)
b. Explain autonomous principle of services. (04 Marks)

Module-4

- 7 a. Explain Application and Business service layer. (08 Marks)
b. Explain any FOUR service layer configuration scenarios. (08 Marks)

OR

- 8 a. Explain the elements of WS coordination. (06 Marks)
b. Explain step – by – step service oriented design process. (10 Marks)

Module-5

- 9 a. Explain the key architectural considerations of enterprise applications. (08 Marks)
b. Explain level O architecture of Enterprise applications. (08 Marks)

OR

- 10 a. What are packaged application platforms? List and explain the various plot forms. (08 Marks)
b. Discuss Java platform enterprise edition. (08 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 equations written eg. 42+8 = 50, will be treated as malpractice.