



Code: 9F00505a

MCA V Semester Regular & Supplementary Examinations November/December 2016

WEB SERVICES

(For 2011, 2012, 2013 & 2014 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Explain the importance of distributed computing. Explain the client/server application with example.
(b) What are the applications to implement emergence of web services?
- 2 (a) Explain an example scenario of web services.
(b) Explain the challenges of using web services.
- 3 (a) How to process steps involved in implementing web services?
(b) Explain developing web services using J2EE environment.
- 4 (a) What is the importance of SOAP? Explain it.
(b) Explain: (i) SOAP encoding.
(ii) SOAP security.
- 5 (a) How a SOAP fault is represented in a SOAP message?
(b) How to define SOAP message exchange model with intermediaries?
- 6 (a) Explain WSDL web services importance.
(b) Explain WSDL bindings.
- 7 (a) Describe the service discovery mechanisms.
(b) Explain the importance of UDDI.
- 8 (a) Explain web services security.
(b) Explain XML encryption in web services in detail.
