

Code: 9F00505a

MCA V Semester Supplementary Examinations July 2015

**WEB SERVICES**

(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

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- 1 (a) Explain the role of JAVA and XML in distributed computing.  
(b) List out the limitations of CORBA and DCOM.
- 2 Explain the following:  
(a) Motivation for web services.  
(b) Web services tools and technologies.
- 3 Write short notes on architecting web services based on:  
(a) Implementation view.  
(b) Logical view.  
(c) Deployment view.  
(d) Process view.
- 4 (a) Write short notes on SOAP security.  
(b) Explain the SOAP message structure and illustrate SOAP with attachment.
- 5 (a) Explain about handling of SOAP errors.  
(b) Briefly discuss about building of SOAP web services.
- 6 (a) Write in brief about WSDL in connection with web services.  
(b) Discuss about WSDL bindings.
- 7 (a) What is the role of service discovery in SOA?  
(b) Explain the mechanism to search and delete information in a UDDI registry.
- 8 (a) When sending SOAP messages over the web the security provided by SSL is not adequate and WS-security is required for proper security? Explain about the given statement with proper explanation.  
(b) Write in detail about guidelines for signing XML documents.

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