



**Code: 9F00505a**

**MCA V Semester Regular & Supplementary Examinations October/November 2017**

**WEB SERVICES**

(For 2012, 2013, 2014 & 2015 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) What is the difference between CORBA and JAVA RMI?  
(b) Describe the complete architecture of SOAP.
- 2 (a) Discuss the benefits and challenges of using web services.  
(b) What are web services? Give its operational model and discuss about SOAP, WSDL and UDDI.
- 3 (a) What are the behavioral characteristics of web services?  
(b) Explain about the web services communication models.
- 4 (a) Explain about the SOAP message exchange models.  
(b) What is SOAP? What are the advantages and disadvantages of SOAP?
- 5 (a) Discuss about developing SOAP web services using Java.  
(b) Can we send SOAP messages with attachments?
- 6 (a) Mention the operation types responses used in WSDL and explain how WSDL can bind to SOAP.  
(b) Discuss the anatomy of WSDL definition document.
- 7 (a) What is a UDDI registry? What are its operational modes? What are its uses?  
(b) Which problem UDDI going to solve? How can I get more information on UDDI?
- 8 (a) Discuss the different ways to ensure interoperability.  
(b) What are the primary security issues with web services?

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