

**R09**

Code: 9A05803

B.Tech IV Year II Semester (R09) Advanced Supplementary Examinations, July 2013

**WEB SERVICES**

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions

All questions carry equal marks

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- 1 (a) Discuss the following with respect to web services:  
(i) CORBA (ii) Java RMI (iii) DCOM  
(b) Explain the role of web services and service oriented architecture.
- 2 (a) What are the web services? Explain the capabilities provided a by web service.  
(b) Discuss the different tools needed for enabling web services.
- 3 (a) Why web services are important in IT enterprises? Explain it.  
(b) Discuss the basic steps of implementing web services.
- 4 (a) Explain SOAP encoding models.  
(b) Discuss the different SOAP fault codes.
- 5 (a) Write a small SOAP envelop code bank account.  
(b) Explain the limitations of using SOAP.
- 6 (a) How to bind SOAP with WSDL? Explain it.  
(b) With a neat diagram explain WSDL structure.
- 7 (a) Differentiate telephone book application with UDDI.  
(b) Explain the limitations of UDDL in web services.
- 8 (a) List and explain the different steps for XML encryption with a credit card example.  
(b) Discuss the XKMS structure.

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