Code No: **D5805, D4002**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech II - Semester Examinations, March/April 2011
WEB SERVICES
(COMMON TO COMPUTER SCIENCE & ENGINEERING, INFORMATION
TECHNOLOGY**)**

Time: 3hours   Max. Marks: 60

Answer any five questions
All questions carry equal marks
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1. a) Define Distributed Computing and explain its evolution.
   b) Explain the role of J2EE and XML in distributed computing.   [12]

2. Describe the following:
    a) CORBA   b) RMI   c) DCOM   d) MOM.   [12]

3. a) Explain the benefits and challenges of using Web Services.
   b) Write short notes on web services communication.   [6+6]

4. a) How can you develop SOAP web services using Java? Explain it?
   b) Write short notes on SOAP message exchange Models.   [6+6]

5. Describe the WSDL Structure and its life cycle in detail?   [12]

6. a) What are the uses of UDDI Registry?
   b) How can you ensure interoperability in Web Services?   [6+6]

7. a) Explain XML security framework.
   b) Write the guidelines for signing XML documents.   [6+6]

8. Define the following:
   a) Asynchronous RPC.
   b) Replications.
    c) Processor Consistency.   [4+4+4]

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