

R09

Code No: 58035

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, May - 2016

WEB SERVICES

(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

**Answer any Five Questions
All Questions Carry Equal Marks**

- 1.a) Explain the core distributed computing technologies. [8+7]
b) Describe service oriented architecture (SOA).
- 2.a) What are web services? Explain the tools used for web services. [8+7]
b) Explain the benefits and challenges of using web services.
3. Describe the web services architecture and its core building blocks. [15]
- 4.a) Explain about the SOAP message exchange model with a neat diagram. [8+7]
b) Explain SOAP security.
- 5.a) How are web services are developed using SOAP? [8+7]
b) Explain the limitations of SOAP.
- 6.a) Describe web services life cycle. [7+8]
b) Explain the functionality provided by WSDL tools.
- 7.a) What are UDDI Registries? Explain the uses of UDDI registry. [7+8]
b) How do you publish information to a UDDI registry? Explain.
8. In detail explain the XML security frame work. [15]

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