M.TECH. DEGREE EXAMINATION

Branch: Information Technology

Specialization: Network Engineering
Model Question Paper - II

First Semester

MITNE 105-1 INTERNET AND WEB TECHNOLOGIES

(Regular – 2013 Admissions)

Time : Three Hours   Maximum : 100 marks

Answer all questions.

1.a. Explain with diagram XML name spaces , XML schemas and DTD   (15 marks)
b. Explain the Importance of Transformation in XML with suitable example.   (5Marks)
c. Discuss SOAP message format   (5 Marks)

OR

2.a. Explain Architecture of SOAP with suitable example   (10 Marks)
b. Discuss different tags used in DTD declaration in XML   (15 Marks)

3. a. Give an overview of WSDL. Where it is used? Substantiate your answer with a clear
example   (15 Marks)
b. List out UDDI specifications.   (10 Marks)

OR

4. a. Describe Invocation pattern used UDDI Registry. Why UDDI uses SOAP for interaction?
                                                                   (10 Marks)
b. Explain WSDL. List out with brief descriptions on different WSDL binding tags   (15Marks)

5.a.Explain REST. Explain why it is used with HTTP Servers. Explain the RSET interactions
between a client and Server.   (15 marks)
b. Briefly explain MVC design pattern.   (10 marks)

OR

6.a. Write short notes on application servers   (8 marks)
b. Discuss JSON-BSON   (7 marks)
c. What is mashups. Explain how it is employed in an application server   (10 marks)

7.a. Give an WSCDL overview of web service standards?   (15 marks)
b. Describe about Orchestration and Choreography.   (10 marks)

OR

8.a. Briefly explain WS-security and web service security specifications?   (10 marks)
b. Explain about WS-policy and WS-Attachments   (10 marks)
c. Give an overview of node.js ?   (5 marks)