**M.TECH. DEGREE EXAMINATION**

**Branch: Information Technology**

**Specialization: Network Engineering**
**Model Question Paper - I**
**First Semester**
**MITNE 105-1  INTERNET AND WEB TECHNOLOGIES**
(Regular – 2013 Admissions)

Time : Three Hours                                                    Maximum : 100 marks

*Answer all questions.*

1. a. Explain Ajax technology.                                                        (5 marks)
   b. Explain with diagram XML name spaces , XML schemas and DTD      (20 marks)
                                    **OR**
2. a. Give a brief description about the following:
      1.WSDL 2. SOAP 3. UDDI 4. ebxml                                      (25 marks)

3. a. Explain J2EE architecture , its components and containers           (15 marks)
   b. Briefly explain MVC design pattern.                                       (10 marks)
                                    **OR**
4. a. Write short notes on application servers                                    (8 marks)
   b. Discuss JSON-BSON                                                              (7 marks)
   c. Explain about the web services which are commonly used.           (10 marks)

5. a. Give an WSCDL overview of web service standards?                    (15 marks)
   b. Briefly explain WS-security and web service security specifications?  (10 marks)
                                    **OR**
6. a. Describe about Orchestration and Choreography.                        (15 marks)
   b. Explain about WS-policy and WS-Attachments                           (10 marks)

7. a. Give a detailed study about Web Service Search Engine?              (10 marks)
   b. Give an overview of node.js ?                                               (15 marks)
                                    **OR**
8. a. Describe about Web Service Composition?                                  (15 marks)
   b. Compare and contrast SOAP vs WebService ?                            (10 marks)