

Register No:.....
Name :.....

M.TECH. DEGREE EXAMINATION

Branch: Information Technology

Specialization : Network Engineering

Model Question Paper - I

First Semester

MITNE 103 COMPUTER NETWORK MANAGEMENT

(Regular – 2013 Admissions)

Time : Three Hours

Maximum : 100 marks

Answer all questions.

- 1.a. What are the network management model? Explain each one in detail. (12 marks)
b. Write the structure of ASN.1. (8 marks)
c. Why the standards are required for network management? (5 marks)

OR

- 2.a. Explain about the network management standards. (10 marks)
b. Compare and contrast organizational and informational model. (8 marks)
c. Explain Functional model in detail. (7 marks)
- 3.a. Write short note on SNMP1. (8 marks)
b. Write short note on organization and information models. (8 marks)
c. Explain the network management in SNMP1 model. (9 marks)

OR

- 4.a. What is RMON? Explain in detail. (10 marks)
b. What is RMON2? Explain RMON2 Management Information Base. (15 marks)

- 5.a. What is Broadband Network Management (20 marks)
b. Explain the RF spectrum for cable modem. (5marks)

OR

6.a. Explain ADSL Technology. (10 marks)

b. Role of ADSL in Networking (15 marks)

7.a. What are the applications of Network Management. (10 marks)

b. What is Fault Management ? (15 marks)

OR

8.a. Explain Codebook correlation Model, State Transition Graph Model, Finite State Machine Model (20 marks)

b. Explain the different types of firewall. (5 marks)