

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

M.TECH. DEGREE EXAMINATION

Branch: Information Technology

Specialization : Network Engineering

Model Question Paper - II

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

OR

- 2.a. Write short notes goals and current status of network management. (8 marks)
 - b. How the distributed computing environment influence on modern data communication systems?. (10 marks)
 - c. Write the future of network management. (7 marks)
- 3.a. How does the network manager know the SNMP set arrived? (10 marks)
 - b. What is the largest SNMP message? (5 marks)
 - c. Explain the standard SNMP model in detail. (10 marks)

OR

4. a. How in the Internet traffic is managed by using RMON. (7 marks)
 - b. Write short note on Enterprise management solutions. (8 marks)
 - c. Compare and contrast RMON1 and RMON2 (10 marks)
- 5.a. What is HFC Management and Broadband Network Management (20 marks)
 - b. Explain Broadband LAN. (5 marks)

OR

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

b. Role of ADSL Fault Management. (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 Security Policies and Procedures. How security is implemented in the Network.
(5 marks)