

Code: R7 421203

R7

B.Tech IV Year II Semester (R07) Advanced Supplementary Examinations, June 2012

NETWORK MANAGEMENT SYSTEMS

(Information Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions

All questions carry equal marks

- 1 (a) Discuss in detail about the network and system management.
(b) Explain the different protocol layers for network management.
- 2 (a) Describe in detail about the structure of management information.
(b) What is the initial organization model of SNMP management? Explain in detail.
- 3 (a) Draw and explain the SNP administrative model.
(b) Explain the MIB lexicographic ordering with its structure in detail.
- 4 (a) Give brief description about the structure of SNMPv2 management information.
(b) Write short notes on management information base of SNMPv2.
- 5 (a) Discuss in detail about the common and ethernet groups in RMON1.
(b) What is remote monitoring? Explain the same with its architecture.
- 6 (a) Explain the telecommunication management network conceptual model.
(b) Draw and explain the functional architecture of telecommunication management network.
- 7 (a) What is the purpose of network statistics? Give brief description about the multi router traffic grapher.
(b) Write short notes on route monitoring tools.
- 8 (a) Draw the architecture for SNMP NMS with web interface. Explain it in detail.
(b) Give brief description about the Hewlett Packard embedded agent configuration.
