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M.Tech I Semester Regular & Supplementary Examinations January/February 2017

NETWORK MANAGEMENT SYSTEMS

(Computer Networks)

Time: 3 hours Max. Marks: 60

Answer any FIVE questions All questions carry equal marks

- 1 Explain different communication protocols and standards.
- 2 (a) Explain network management standards in detail.
 - (b) Explain encoding structure in detail.
- 3 (a) Explain SNMP model in detail.
 - (b) Explain communication and functional models.
- 4 (a) Explain SNMPV2 system architecture in detail.
 - (b) Explain SNMPV2 management information base.
- 5 (a) Explain SNMPV3 management information base.
 - (b) Explain SNMPV3 user based security model.
- 6 (a) Explain RMON SMI & MIB in detail.
 - (b) Explain RMON1 and RMON2 in detail.
- 7 (a) Explain fault management in detail.
 - (b) Explain security and accounting management in detail.
- 8 (a) Explain different DOCSIS standards.
 - (b) Explain passive optical network in detail.
