



**Code: 9D08103**

**M.Tech I Semester Regular & Supplementary Examinations February 2016**

**NETWORK MANAGEMENT SYSTEMS**

(Computer Networks)

(For students admitted in 2011, 2012, 2013, 2014 & 2015 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions  
All questions carry equal marks

\*\*\*\*\*

- 1 Explain with example and diagram how you can design the network of an IT company & do its management.
- 2 (a) Discuss in brief the applications of network management  
(b) Explain communication model and functional model in detail.
- 3 Explain different organization and information models.
- 4 (a) Explain architecture of SNMPV2 and its protocol.  
(b) What are conformance statements? Explain.
- 5 Explain SNMPV3 user based security model and access control.
- 6 (a) Explain the RMON1 textual conventions in detail.  
(b) Write short notes on RMON token ring extension group.
- 7 Explain the following network management applications:  
(a) Fault management.  
(b) Report management.  
(c) Service level management.
- 8 (a) Explain cable modem and cable access network management.  
(b) Explain CORBA based NM technology in detail.

\*\*\*\*\*