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
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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.

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