Code: 9D08103

M.Tech I Semester Supplementary Examinations February/March 2018
NETWORK MANAGEMENT SYSTEMS
(Computer Networks)
(For students admitted in 2012, 2013, 2014, 2015 & 2016 only)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1   What are the challenges of information technology managers? Explain. Write briefly about network management: Goals, organization and functions.

2   Explain in detail about the network management standards.

3 (a) List and explain the SNMP-Base ASN.1 data type structure.
   (b) Explain various SNMP operations.

4   Explain in detail about SMI definition for SNMPV2 and information modules.

5   Discuss the security aspects of SNMPV3.

6 (a) What is the use of port select group in ATM RMON? Explain different tables involved in it.
   (b) With a neat diagram, explain the RMON2 conformance specifications.

7 (a) What are the different tools used for managing networks?
   (b) Explain how report management, policy based management and service level management is carried in network management tools.

8 (a) Explain about broadband access technology.
   (b) Describe in detail about XML based network management technology.

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