Code: 9A05708

B.Tech IV Year I Semester (R09) Regular & Supplementary Examinations December 2015

NETWORK MANAGEMENT SYSTEMS
(Common to CSE, IT & CSS)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

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1 (a) Give brief description about the protocol layers and their services.
   (b) Write about the case histories of network management.

2 (a) Discuss about the data types and tags present in ASN.1.
   (b) Explain about network management standards.

3 (a) With the help of a neat sketch, explain the architecture of SNMP.
   (b) Compare the SNMP get-next request and get-request operations.

4 (a) Explain the role of conformance statements in SNMPv2.
   (b) What are the major changes that made to SNMPv2? Explain them in detail.

5 (a) Write short notes on MIB groups present in RMON1 and RMON2.
   (b) Discuss about the ATM remote monitoring system.

6   Draw the TMN architecture. Explain the various components that are present in it.

7 (a) Give brief description on the role of protocol analyzer.
   (b) What is BERT? Explain in detail.

8 (a) Define DMI. List and explain the uses of it.
   (b) Describe the role of CIM schema in WBEM.

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