Total No. of Questions : 8]   [Total No. of Printed Pages : 2

Roll No ....

MEDC - 203
M.E./M.Tech., II Semester
Examination, June 2016
Network Design Technology

Time : Three Hours

Maximum Marks : 70

Note : i) Attempt any five questions.
  ii) All questions carry equal marks.

1. a) Differentiate between OSI and TCP/IP models. 7
   b) Explain different transmission medium in a network. 7

2. a) Explain different Network Topologies. 7
   b) Why network standardization is done? 7

3. a) Compare TCP/IP and UDP protocols. 7
   b) Explain internet protocol in detail. 7

4. a) Give FDDI frame format and explain meaning of all parameters. 7
   b) Explain Ethernet with its frame format. 7

5. a) Explain IP routing in detail. 7
   b) Explain Gateway protocols RIP, OSPF and BGP. 7

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6. a) Differentiate between Packet, Circuit, and message switching. 7
   b) Explain any one congestion control technique. 7

7. a) What are the X-25 layers? 7
   b) What are the routers? Explain various routers algorithm. 7

8. a) Explain about ATM Adaptation Layer (AAL). 7
   b) What is ATM and frame relay? 7

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