Subject : Computer Communication Networks

Day : Thursday   **S.D.E.** | |||||||||||||||||| ||||| Time : 10.00 A.M. TO 1.00 P.M.

Date : 08/12/2016   **33525**   Max Marks : 80   Total Pages : 1

N. B. :
1) Attempt **ANY FIVE** questions from Section – **I** and **ANY TWO** questions from Section –**II**.
2) Answers to both the sections should be written in the **SAME** answer book.
3) Figures to the right indicate **FULL** marks.

SECTION - I

Q. 1   What are functions of layers in OSI model? Explain protocols in each layer in brief.   **(10)**

Q. 2   What are the types of network? Explain LAN in brief.   **(10)**

Q. 3   What is X.25? Explain features of X.25 in short.   **(10)**

Q. 4   How to install file server and print server using win 2000? Explain in short installation process.   **(10)**

Q. 5   Write detail note on TCP/IP with its layers and functions.   **(10)**

Q. 6   What is meaning of Dial – up Network? Explain features of Dial – up Network.   **(10)**

Q. 7   Write short note on **ANY TWO** of the following: **(10)**
   a) Unix Operating System
   b) Time Division Multiple Access (TDMA)
   c) Wide Area Network

SECTION - II

Q. 8   Explain various network topologies with its advantages and disadvantages.   **(15)**

Q. 9   How to make connectivity in network? Explain types of cabling in brief.   **(15)**

Q.10   Explain in detail BSC, HDLC and SDLC with respect to network architecture.   **(15)**

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