

Subject : Data Communication & Network

Day : Thursday
Date : 08/12/2016



Time : 02.00 PM TO 05.00 PM
Max Marks : 80 Total Pages : 1

N.B.;

- 1) Attempt any **FIVE** questions from Section – I
- 2) Attempt any **TWO** from Section-II.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Explain different advantages of networking. (10)
- Q.2** Explain packet switching in detail. (10)
- Q.3** Explain different features of X. 25 protocol. (10)
- Q.4** Differentiate between asynchronous and synchronous transmission. (10)
- Q.5** Explain time division multiple access (TDMA). (10)
- Q.6** Explain different features of IP. (10)
- Q.7** Write a note on **any TWO** of the following: (10)
- a) Frame Relay
 - b) Star Topology
 - c) WAN

SECTION - II

- Q.8** Describe OSI reference model with suitable diagram. (15)
- Q.9** Explain route discovery protocol with example. (15)
- Q.10** Explain the following terms with example. (15)
- a) Binary Synchronous Control (BSC)
 - b) HDLC Frame Format

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