

Subject : Computer Communication Network

Day : Saturday
Date : 04/06/2016



Time : 10.00 A.M. TO 1.00 P.M.
Max Marks : 80 Total Pages : 1

N.B.:

- 1) Answer any **FIVE** questions from Section –I and any **TWO** questions from Section – II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SAME** answer book.
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SECTION – I

- Q.1** Write detail note on Switching Techniques. (10)
- Q.2** Define data transmission. Explain concept of Synchronous and Asynchronous transmission methods. (10)
- Q.3** Discuss various IP address schemes with example. (10)
- Q.4** What are different types of Networks? Explain MAN in brief. (10)
- Q.5** What is concept of Time Division Multiple access? Explain various types of Multiplexing techniques. (10)
- Q.6** What are different Networking Devices? Explain switch and its functions. (10)
- Q.7** Write short notes on **ANY TWO** of the following: (10)
- a) TCP/IP
 - b) Routing
 - c) Model

SECTION - II

- Q.8** Explain SDLC, HDLC Protocols with respect to functions and working. (15)
- Q.9** What are the criteria to select appropriate topology for LAN? Explain components required for structural cabling. (15)
- Q.10** Explain the layers and its functions in OSI reference model. (15)

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