

S.D.E.

M.B.A. (IT) SEM – IV (2010 COURSE) (3 YEAR COURSE) :  
WINTER - 2017

SUBJECT: COMPUTER NETWORKS & NETWORKING

Day: Tuesday  
Date: 19/12/2017

Time: 02.00 P.M. TO 05.00 P.M.  
Max. Marks: 70

W-2017-4357

N.B.:

- 1) Attempt any **FOUR** 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 **SEPARATE** answer book.

SECTION-I

- Q.1** Explain different types of networks with advantages and disadvantages. (10)
- Q.2** Explain the concept of Token Ring in detail. (10)
- Q.3** Differentiate between the following: (10)
- i) Centralized Vs Client / server computing
  - ii) Hubs Vs Repeaters
- Q.4** What are the different types of cables used in computer networks? Explain with diagrams and features. (10)
- Q.5** Write short notes on any **TWO** of the following: (10)
- a) Ethernet
  - b) TCP/ IP
  - c) Bridges

SECTION-II

- Q.6** What are the different components of computer network? (15)
- Q.7** A construction company, ABC has several branches all over Maharashtra. As network administrator suggest the following: (15)
- i) Network architecture
  - ii) Topology Design
  - iii) Devices requirements
- in order to make a centralized system.
- Q.8** Explain Star and Mesh Topologies with advantages and disadvantages with suitable diagram. (15)

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