

S.D.E.

M.B.A. (I.T.) Sem-IV (2013 Course) : WINTER - 2018
SUBJECT: COMPUTER NETWORKS AND NETWORKING

Day: Wednesday
Date: 05/12/2018

Time: 02.00 PM TO 05.00 PM
Max. Marks: 70

W-2018-4697

N.B.:

- 1) Attempt **ANY FOUR** questions from section-I and attempt **ANY TWO** questions from section-II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Both the sections should be written in the **SEPARATE** answer books.
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SECTION-I

- Q.1** What is the need of networking? Explain different types of networks. (10)
- Q.2** What is the role of reference model? Explain OSI reference model in detail. (10)
- Q.3** Explain following communications protocols: (10)
a) Polling/Selection Systems
b) Stop and wait Polling/Selection
- Q.4** Explain the general cable characteristics used in network. Discuss co-axial cable in detail. (10)
- Q.5** Write short notes on **ANY TWO** of the following: (10)
a) Hybrid Network
b) ISDN
c) Network Operating System

SECTION-II

- Q.6** What is Ethernet? Explain different Ethernet standards. Discuss segmentation concept used in Ethernet. (15)
- Q.7** As a network administrator, How you will support following tasks: (15)
a) Managing network accounts
b) Managing network performance
c) Managing network data security
- Q.8** What is Client-Server architecture? Differentiate between Centralized Vs Client-Server computing. (15)

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