

**MASTER OF BUSINESS ADMINISTRATION
(MBACT)**

Term-End Examination

June, 2015

00465

**MCTE-018 : NETWORKING IN
TELECOMMUNICATION**

Time : 3 hours

Maximum Marks : 100

Note : Answer any five questions. All questions carry equal marks.

1. Explain the various transmission media and topologies used in Telecommunication Networks. 20
2. (a) What are Wireless Networks used for ? Explain the importance of Wireless Networks for telecommunication systems. 10
(b) Explain the types of networks used for telecommunication systems. 10
3. Describe the Intelligent Network Architecture used for fixed and mobile lines. Also explain the standard and principles used. 20

4. Explain the following with diagrams : 4×5=20
- (a) Peer-to-Peer Networking
 - (b) Electronic Data Interchange (EDI)
 - (c) TCP/IP
 - (d) Digital and Analog Signals
5. Explain the impact of new object-oriented middleware technologies and new open service architectures on IN. 20
6. Explain the network architecture used for Wireless Networks. Differentiate between Wireless Networks and Wired Networks. 20
7. (a) What are Mobile Agents ? Explain by drawing proper diagram the utility of Mobile Agents. 10
- (b) Describe the applications of Networking. 10
8. Write short notes on the following : 4×5=20
- (a) OMG
 - (b) CORBA
 - (c) TINA
 - (d) Video Conferencing
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