

**MASTER OF BUSINESS ADMINISTRATION
(MBACT)**

**Term-End Examination
December, 2012**

**MCTE-018 : NETWORKING IN
TELECOMMUNICATION**

Time : 3 hours

Maximum Marks : 100

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

1. Describe components of telecommunications system. Explain the evolution of IN- Intelligent network environment. 20

2. Explain briefly the following : 4x5=20
 - (a) Routers
 - (b) Video conferencing
 - (c) Electronic Data Interchange (EDI)
 - (d) Network Types

3. Describe the principles, standards and intelligent network architecture for fixed and mobile lines. 20

4. Explain the following with diagrams : **4x5=20**
- (a) Client-Server networking
 - (b) Peer-to-Peer networking
 - (c) Digital and analog signals
 - (d) Fibre-optical cable
5. (a) Explain the various transmission media and topologies used in telecommunication networks. **10**
- (b) What are the fundamentals of wireless network technologies ? **10**
6. Explain the seven layers at the OSI network model. **20**
7. Describe mobile agents, process migration and its implications. **20**
8. Write short notes on the following : **4x5=20**
- (a) OMG
 - (b) CORBA
 - (c) TINA
 - (d) Mobile Agents
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