

**MASTER OF BUSINESS ADMINISTRATION
(MBACT)**

Term-End Examination

00075

December, 2014

**MCTE-019 : TELECOM NETWORK
MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

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

1. Describe different components of TMN reference model. 20
2. What are the requirements of Service integration with TMN ? Explain TMN Management dimension diagram. 20
3. Draw TMN reference model diagram and discuss the functioning of H.S. Component. 20
4. Discuss Homogeneous Network management for Heterogeneous Network. 20

5. Explain different elements of mobile radio network operating systems. Also explain various telephone networks. 20
6. Describe the basic components of a communication system and data transmission mode. 20
7. Describe the architecture of various types of computer networks and their characteristics. Explain the need to categorize them. 20
8. Write brief notes on any *three* of the following : 20
- (a) Voice messaging and Teleconferencing
 - (b) Communication Protocols
 - (c) Operations System Function
 - (d) Digital and Analog Transmissions
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