

**MASTER OF BUSINESS ADMINISTRATION  
(MBACT)**

**Term-End Examination**

**June, 2015**

00131

**MCTE-019 : TELECOM NETWORK  
MANAGEMENT**

*Time : 3 hours*

*Maximum Marks : 100*

---

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

---

---

1. Define Telecom Network Management and describe its various components. 20
  
2. Explain logical layered architecture and describe the functions performed by various management layers. 20
  
3. Explain Management Architecture defined by CCITT. Describe the architectural requirements of TMN. 20

4. Explain the motivations for Telecom Network Management. Discuss the Non-homogeneous Management System for different networks. 20
  5. Describe the architecture of various types of computer networks and characteristics needed to categorise them. 20
  6. Describe the basic components of a communication system and data transmission models. 20
  7. What is Data Communication Network ? Explain the implementation of DCN with example. 20
  8. Write short notes on the following : 4×5=20
    - (a) Network Element Function (NEF)
    - (b) ITU, ITU-T and CCITT
    - (c) Digital and Analog Transmissions
    - (d) Median Device
-