

Extc - VIII

18/5/2016

Elec : TNM

Q.P. Code : 730302

(3 Hours)

[Total Marks : 80

- : (1) Question No. 1 is compulsory.
(2) Attempt any **three** out of remaining **five** questions.
(3) Assume **necessary data** if required.
(4) **Figures** to the **right** indicate **full marks**.

-) Describe FCAPS in network management. **5**
) Compare between CMIS/CMIP and SNMP. **5**
) Explain the functional architecture of OSI in detail. **5**
) Describe State Transition Model based event correlation technique. **5**
) What are the challenges of IT manager? **10**
) List and describe emerging network management standards. **10**
) Define network management. State goals of network management. **10**
) Differentiate between RMON and SNMP. **10**
) Describe all CMISE services in following categories: **10**
 (i) Management association services
 (ii) Management notification services
) Compare between SNMP v1, SNMP v2 and SNMP v3. **10**
) List and describe event correlation techniques. **10**
) What is user security model (USM) and VACM in SNMP v3? Describe in detail. **10**
) Discuss M1, M2, M3, M4 and M5 interface in ATM network management. **10**
) What is fault management? Describe five steps process in fault management. **10**