BE- sem-VIII (CBSGS) ENTc - Telecom N/w mgt
Telecom Network Management   2/12/16

Q.P. Code : 730300

(3 Hours)   [Total Marks : 80

N.B. : (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.

1. (a) List and describe different network management models and standards.?   5
    (b) Draw and describe with neat diagram SNMP v1 PDU format?   5
    (c) What is ASN.1?   5
    (d) Describe reasons for RMON development?   5

2. (a) Define network management. State goals of network management   10
    (b) With respect ISO/OSI Network management describe following terms: 10
            (i)   ACSE
            (ii) ROSE
            (iii) Scoping and Filtering
            (iv) Linked Replies
            (v)   CMIS/CMIP

3. (a) List and describe network management architectures?   10
    (b) What is SNMP proxy server?   10

4. (a) Describe TMN layered architecture?   10
    (b) What is SNMP v3 MIB, message format, architecture, engine ID, security   10
        services?

5. (a) Describe different types of TRAPs?   10
    (b) List and describe SNMP commands with syntax?   10

6. (a) What is ATM network management?   10
    (b) List and describe various event correlation techniques?   10

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