Duration: 2 Hours   Marks:-40

Note:
  i.   Q1 is compulsory.
 ii.   Attempt any three questions from remaining five.
iii.   Each question carries **10** marks.

1. Answer any five.
   a. Write a short note on structured cabling.   2
   b. What is data mining?   2
   c. Differentiate between DBMS and RDBMS.   2
   d. Illustrate the four layered reference model for TCP/IP.   2
   e. Explain any four top security concerns.   2
   f. Explain E-governance framework.   2
   g. Explain CIA triangle in brief.   2

2.
   a. Define OSI layer.   5
   b. Define topology. Explain any 3 common topologies.   5

3.
   a. Explain following IP Addressing Mechanism   5
         i.   IP V4-Address System
        ii.   IPV6 Address system
       iii.   User Datagram Protocol
   b. Write detailed note on SNMP.   5

4. Write a note on following terms related to IT audit.   10
   a. Information Audit.
   b. Audit Schedule.
   c. Audit Plan.
   d. Audit Preparation.
   e. Internal Audit.

5.
   a. Explain the term business process outsourcing (BPO).   5
   b. Write a note on E-Commerce   5

6.   10
   a. Firewall.
   b. RFID systems.
   c. Biometric systems.
   d. IP-CCTV.
   e. End point security.

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