

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.

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