

(2 Hours)

[Total Marks: 40]

- N.B.** (1) Question No. 1 is compulsory.  
 (2) Attempt **any three** questions from remaining **five**.  
 (3) **Each question** carries **10** marks.

1. Answer **any five** of the following:

- a. Which are the components of IT Infra? 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 Cabling. Classify cable types and explain in detail. 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. Illustrate Enterprise Resource Planning (ERP) and its need in detail. 5
- b. Write a note on E-Commerce 5

6. Write short notes on **any two** of the following : 10

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

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