

(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.
