(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2022 ONLY)

22UCC6E7

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY-2025

B.Com.-C.A   **MAXIMUM MARKS: 50**
SEMESTER VI   **TIME : 3 HOURS**

PART - III
E-COMMERCE AND INFORMATION SECURITY

SECTION - A   **(10 X 1 = 10 MARKS)**
ANSWER THE FOLLOWING QUESTIONS.
MULTIPLE CHOICE QUESTIONS.   **(K1)**

1. Which of the following describes E-Commerce?
   a. Doing business electronically   b. Doing business   c. Sale of goods   d. Buying of goods

2. Which type of E-Commerce focuses on consumers dealing with each other?
   a. B2B   b. B2C   c. C2B   d. C2C

3. Which of the following is not an example of an E-Payment System?
   a. Smart cards   b. cash   c. digital checks   d. electronic billing

4. Which of the following protocol is used for both addressing and routing?
   a. TCP   b. IP   c. UDP   d. ARP

5. Which of the following protocol is not an e-commerce security protocol?
   a. FTP   b. TLS   c. SSL   d. HTTPS

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.   **(K2)**

6. How does e-commerce differ from traditional commerce?

7. What is meant by Data Standards in EDI?

8. Write any four applications of electronic payment?

9. What is a protocol in networking?

10. Sate the purpose of a firewall.

SECTION – B   **(5 X 3 = 15 MARKS)**
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a) Discuss any three advantages and three disadvantages of E-Commerce.
    (OR)
    b) Compare and contrast between traditional commerce and E-commerce across three specific aspects

12. a) Discuss the main components of EDI.
    (OR)
    b) Summarize the features of EDI.

13. a) List any six problems with Traditional Payment Systems.
    (OR)
    b) Summarize the features of electronic payment system.

14. a) Write a short note on the components of a communication system.

(OR)

   b) Discuss any three types of attacks.

15. a) Discuss how password management helps in E-commerce?

(OR)

   b) Discuss the advantages of Steganography in terms of security.

SECTION - C   (5X 5 = 25 MARKS)
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4 & K5)

16. a) Describe the framework architecture of E-commerce with neat diagram.

(OR)

   b) Elaborate the evolution of E-commerce.

17. a) Discuss the various models of E-commerce.

(OR)

   b) Explain the architecture of Mobile Commerce with neat diagram.

18. a) Discuss the advantages and disadvantages of CBS.

(OR)

   b) Discuss any two risks in electronic payment system.

19. a) Give details on TCP/IP reference architecture with neat diagram.

(OR)

   b) Give details on Security Goals.

20. a) Explain Network Intrusion and Prevention Systems.

(OR)

   b) Discuss the 5 dimensions of e-commerce security.

****

ETHICAL PAPER