

(FOR THE CANDIDATES ADMITTED 2023

23UBP6E4

DURING THE ACADEMIC YEAR 2023 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS: MAY 2026

BCOM BPS

MAXIMUM MARKS: 75

SEMESTER VI

TIME: 3 HOURS

PART - III

23UBP6E4 – E COMMERCE AND INFORMATION SECURITY

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. E-Commerce primarily involves:_____

- a) Face-to-face selling b) Electronic buying and selling
- c) Barter system d) Wholesale trade

2. B2B stands for:_____

- a) Business to Buyer b) Business to Business
- c) Buyer to Business d) Bank to Business

3. ATM stands for:_____

- a) Automated Teller Machine b) Automatic Transfer Machine
- c) Account Transaction Method d) Advanced Transfer Model

4. Firewall is used to:_____

- a) Clean viruses b) Control network traffic c) Store data d) Backup files

5. Information security aims at:_____

- a) Cost reduction b) Confidentiality, Integrity and Availability
- c) Software design d) Hardware maintenance

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. Define Mobile Commerce

7. Write one objective of EDI.

8. What is Phishing?

9. Expand TCP/IP.

10. Name any one Information Security Goal.

SECTION – B**(5 X 5 = 25 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) Explain the features of E-Commerce. **(OR)**
b) Discuss the types of E-Commerce.
12. a) Explain the advantages and bottlenecks of EDI. **(OR)**
b) Describe the components of Electronic Payment Systems.
13. a) Explain the risks involved in E-Commerce. **(OR)**
b) Discuss the security tools used in E-Commerce.
14. a) Explain the components of Communication System. **(OR)**
b) Narrate the nature of cyber attacks.
15. a) Explain Authentication and Password Management **(OR)**
b) Write short notes on Firewalls and IDS.

SECTION – C**(5 X 8 = 40 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4 (Or) K5)**

16. a) Explain in detail the Objectives and Framework of E-Commerce.
(OR)
b) Discuss various Business Models and Applications of E-Commerce.
17. a) Explain Electronic Data Interchange (EDI) in detail with its evolution and objectives.
(OR)
b) Describe Electronic Payment Systems and Online Banking – components, advantages and limitations.
18. a) Explain Security Issues in E-Commerce and Legal provisions under Cyber Law.
(OR)
b) Discuss Information Security Goals and Threats in E-Commerce.
19. a) Explain TCP/IP and Wireless Networks in detail.
(OR)
b) Describe various types of cyber attacks and their impact
20. a) Explain Network Security and Web Security mechanisms
(OR)
b) Discuss Computer Forensics and Steganography in detail.
