

(FOR THE CANDIDATES ADMITTED  
DURING THE ACADEMIC YEAR 2022-25 ONLY)

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SUB CODE **22UPA513**

REG.NO. :

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

**END-OF-SEMESTER EXAMINATIONS : NOV-2024**

**B.Com (PA)**

**MAXIMUM MARKS: 50**

**SEMESTER: V**

**TIME : 3 HOURS**

**Core XVI: INFORMATION TECHNOLOGY & E-SECURITY**

**SECTION - A (10 X 1 = 10 MARKS)**

**ANSWER THE FOLLOWING QUESTIONS.(K1)**

1. Which of the following is a primary feature of e-commerce?
  - a. Physical store presence
  - b. Electronic transactions
  - c. Face-to-face customer service
  - d. Paper-based communication
2. What is the primary function of Electronic Data Interchange (EDI)?
  - a. To facilitate online shopping
  - b. To automate the exchange of business documents between organizations
  - c. To manage customer relationships
  - d. To conduct online banking
3. What is one of the primary merits of online shopping?
  - a. Limited product variety
  - b. Higher shipping costs
  - c. Ability to compare prices easily
  - d. Complicated return policies
4. Which of the following is an example of a guided transmission medium?
  - a. Radio waves
  - b. Microwave signals
  - c. Fiber optic cables
  - d. Satellite links
5. Which security feature helps protect e-commerce transactions from interception?
  - a. Firewalls
  - b. HTTPS
  - c. Intrusion Detection Systems (IDS)
  - d. Anti-virus software

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

6. What does B2C stand for in e-commerce?
7. Define mobile commerce
8. What distinguishes e-cash from e-cheques?
9. What does a communication protocol define?
10. Expand HTTPS.

**(CON..2)**

**SECTION – B**

**(5 X 3 = 15 MARKS)**

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) State the objectives of e-commerce. **(OR)**  
b) Examine the types of e-commerce?
12. a) How can a company utilize Mobile Commerce (m-commerce) to improve customer engagement interpret. **(OR)**  
b) Bring out the purpose of EDI.
13. a) State the benefits of token based E-payment. **(OR)**  
b) Find the e-payment methods.
14. a) Describe the role of the transmitter and receiver in a communication system. **(OR)**  
b) Define Bluetooth technology and its primary usage.
15. a) What is the main difference between Intrusion Detection Systems (IDS) and Intrusion Prevention Systems (IPS)? **(OR)**  
b) What is Cross-Site Scripting (XSS) and how does it affect web security?

**SECTION - C**

**(5X 5 = 25 MARKS)**

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4 (Or) K5)**

16. (a) Point out the advantages of e-commerce. **(OR)**  
(b) Explain the business model of e-commerce.
17. (a) Identify key advantages and disadvantages of implementing EDI in an organization. **(OR)**  
(b) Evaluate the role of Electronic Payment Systems in mobile commerce.
18. (a) Distinguish between traditional payment system and E-Payment system. **(OR)**  
(b) Analyze the various kinds of credit cards.
19. (a) Discuss the types of attack in network security. **(OR)**  
(b) Describe how "Denial of Service" (DoS) attacks impact network services and outline basic strategies to mitigate such attacks.
20. (a) Discuss the effective strategies for managing and securing passwords within an organization. **(OR)**  
(b) Describe how SQL injection attacks work and provides methods to protect against such attacks.

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