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Reg. No. : .....

Code No. : 31194 E Sub. Code : CMBE 64

B.Com. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2025.

Sixth Semester

Banking and E-Commerce

Core – E-COMMERCE TECHNOLOGY

(For those who joined in July 2022 only)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. B2C stands for \_\_\_\_\_.
  - (a) Business to Consumer
  - (b) Business to Company
  - (c) Buyer to Consumer
  - (d) Business to Community
2. Network access equipment includes \_\_\_\_\_.
  - (a) Switches and routers
  - (b) Payment gateways
  - (c) EDI software
  - (d) Internet protocols
3. Security in EDI is ensured by \_\_\_\_\_.
  - (a) Firewalls and encryption
  - (b) Paper invoices
  - (c) Physical signatures
  - (d) Social media
4. Value-Added Networks (VANs) provide \_\_\_\_\_.
  - (a) Private network for secure EDI exchange
  - (b) Free Internet browsing
  - (c) Data storage only
  - (d) Marketing services
5. Which is an emerging client-server security threat?
  - (a) Phishing attacks
  - (b) Firewall configuration
  - (c) Backup server
  - (d) VPN

6. Data encryption ensures \_\_\_\_\_.
- (a) Confidentiality of information
  - (b) Faster download
  - (c) Higher storage
  - (d) Only client authentication
7. Consumer perspective emphasizes \_\_\_\_\_.
- (a) Convenience, choice, and price
  - (b) Network security
  - (c) Firewalls
  - (d) Digital signatures
8. Shopping cart in e-commerce allows \_\_\_\_\_.
- (a) Selection and storage of products before checkout
  - (b) Inventory tracking
  - (c) Data encryption
  - (d) Payment only
9. Digital token-based payment systems use:
- (a) Cryptographic tokens for secure payment
  - (b) Cash only
  - (c) Cheques only
  - (d) Paper invoices

10. Smart cards are \_\_\_\_\_.
- (a) Plastic cards with embedded microchips
  - (b) Credit cards without chip
  - (c) Cash-only cards
  - (d) EDI software

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).  
Each answer should not exceed 250 words.

11. (a) Define e-commerce and explain its features.
- Or
- (b) Explain the role of web and application servers in e-commerce.
12. (a) List the steps involved in EDI software implementation.
- Or
- (b) Explain the role of encryption in EDI security.
13. (a) What is encryption and why is it important in network security?
- Or
- (b) Explain HTTPS and its role in web security.

14. (a) Explain the mercantile models from the merchant's perspective.

Or

(b) State the advantages of B2C e-commerce for consumers?

15. (a) Explain credit card electronic payment systems.

Or

(b) Explain different kinds of e-payment methods.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)  
Each answer should not exceed 600 words.

16. (a) Explain the key Internet terminologies related to e-commerce with examples.

Or

(b) Discuss the anatomy of e-commerce applications with a diagram.

17. (a) Analyze the overall impact of workflow automation and internal commerce on organizational performance.

Or

(b) Explain the legal, security, and privacy issues associated with EDI and their solutions.

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18. (a) Explain the types of firewalls with examples.

Or

(b) Explain how encrypted documents and secure emails ensure safe communication.

19. (a) Discuss the B2C e-commerce model and its features.

Or

(b) Explain the technology and tools used to support consumer-oriented applications.

20. (a) Explain how mobile wallets and digital banking enhance electronic payments.

Or

(b) Discuss the advantages and challenges of implementing electronic payment systems.

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