18. (a) Write about web security.

Or

(b) Discuss about client server security threats.

19. (a) Discuss Mercantile Models from the Consumer's Perspective.

Or

(b) Describe Mercantile Models from the Merchant's Perspective.

20. (a) Write about the Properties of Electronic Cash.

Or

(b) Discuss the Risks in Electronic Payment systems.

PART C — (3 × 10 = 30)

Answer any THREE questions.

21. Discuss the Anatomy of E-commerce Applications with a neat sketch.

22. Discuss the important points to be remembered while implementing EDI.

23. Describe how will you encrypt and decrypt document for secured transmission.

24. Discuss the classification of Consumer-Oriented Applications.

25. Explain how to design an electronic payment system.

———————

(For candidates admitted from 2022–2023 onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Information Technology — Elective

E-COMMERCE

Time : Three hours Maximum : 75 marks

PART A — (20 marks)

Answer ALL questions.

I. (A) Choose the correct answer: (5 × 1 = 5)

1. ____________ is not a major type of electronic commerce.

(a) Consumer to Business

(b) Business to Consumer

(c) Business to Business

(d) Consumer to Consumer

2. Business entities conducting business electronically are called ____________.

(a) trading partners (b) electronic partners

(c) business partners (d) customers

3. Packet filtering firewalls are vulnerable to ————.

(a) Hardware vulnerabilities

(b) MiTM

(c) Phishing

(d) Spoofing

4. ———— includes mercantile protocols that specify the flow of information and documents associated with purchasing.

(a) pre-purchase preparation phase

(b) purchase consummation phase

(c) post-purchase interaction phase

(d) none of the above

5. The principal electronic payment systems for electronic commerce is

(a) Credit Card (b) Digital Wallet

(c) Electronic Cheque (d) All of the above

(B) Fill in the blanks. (5 × 1 = 5)

6. Data ———— is a guarantee that what was sent by the sender is actually what is received by the receiver.

7. ———— Process which allows one company to send information to another company electronically rather than with paper.

8. SSL stands for ————.

9. A ———— is the is the set of planned activities designed to result in a profit in a marketplace.

10. RTGS stands for ————.

II. Answer ALL questions. (5 × 2 = 10)

11. What is e-commerce?

12. Define workflow automation.

13. How can we authorize the payment through online?

14. What is the purpose of Mercantile Process model?

15. List the drawbacks of credit card systems.

PART B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

16. (a) Explain how e-commerce differs from traditional commerce.

Or

(b) Describe how transaction are done using Internet.

17. (a) What is EDI? How it is used?

Or

(b) Write short note on advantages of value added networks.