

11. Give an overview of electronic payment systems.  
Explain the different types of Electronic Payment Systems, including digital token-based systems, Smart cards, Credit cards and Debit cards.
12. Provide an overview of the legal framework and IT Acts in India. Explain the amendments made to cyber laws and their implications in the context of E-commerce.
13. Describe the Wireless Application Protocol (WAP) architecture and technology. Explain how mobile information devices are used in M-commerce.

## **MCA-303**

**June – Examination 2023**

### **MCA (IIIrd Year) Examination**

**E-commerce**

**Paper : MCA-303**

*Time : 3 Hours ]*

*[ Maximum Marks : 80*

*Note* :- The question paper is divided into three Sections A, B and C. Write answers as per the given instructions.

**Section-A**

**8×2=16**

**(Very Short Answer Type Questions)**

*Note* :- Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 2 marks.

1. (i) What is E-commerce ?
- (ii) What is SSL and its uses ?

- (iii) What are Electronic Wallet ? Name some of them.
- (iv) Which type of applications can be extended to the extranet ? Explain the reason for each.
- (v) What do you mean by Spyware ?
- (vi) Give advantages of Digital Documents.
- (vii) What is the role of encryption in securing online transactions ?
- (viii) What is the role of Search Engine Optimization (SEO) in E-commerce ?

**Section-B** **4×8=32**

**(Short Answer Type Questions)**

*Note* :- Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 8 marks.

- 2. Write a short note on RSA Algorithm.
- 3. Compare M-commerce to E-commerce in terms of Mobility and Accessibility.
- 4. What is Packet Filtering Firewall ? Mention some of the weaknesses of packet filtering firewall.

- 5. Explain the Information Flow between Organizations with EDI.
- 6. Differentiate between B2B and B2C E-commerce Models.
- 7. Give the technical and Non-technical Limitations of E-commerce.
- 8. Discuss the chargeback process in Visa transactions and the Lifecycle of a chargeback.
- 9. Explain the concept of cryptography and its role in securing e-commerce transactions and communication.

**Section-C** **2×16=32**

**(Long Answer Type Questions)**

*Note* :- Answer any *two* questions. You have to delimit your each answer maximum up to **500** words. Each question carries 16 marks.

- 10. Discuss the impact of E-commerce on traditional retail business. How can traditional retailers adapt to the changing landscape ?