Roll No. ------------------

**MCA-22 B**

**E-Commerce**

(MCA)

6th Semester Examination 2024 (Dec.)

**TIME: 2 Hours Max Marks: 70**

Note: This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.***Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.***

**SECTION – A**

**Long-answer - type questions**

**Note: Section ‘A’ contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any two (02) questions only. (2×19=38)**

1. What are distributed objects and object request brokers? How are they used in e-commerce applications?
2. Why is security a critical concern for e-commerce transactions?
3. What are e-cash and e-wallet technologies? How do they contribute to the growth of e-commerce?
4. Discuss the role of international cooperation in addressing cybercrime and ensuring secure global e-commerce.
5. What is cyber law, and why is it essential for the regulation of e-commerce activities in India?

**SECTION – B**

**Short – answer – type questions**

**Note: Section ‘B’ contains eight (08) short- answer type questions of Eight (08) marks each. *Learners are required to answer any Four (04) questions only.* (4×8=32)**

1. How do global variations in cyber laws influence the regulation of e-commerce?
2. What are web application architectures, and how do they influence the design and functionality of e-commerce platforms?
3. Compare and contrast the cyber laws of India with those of other countries. Highlight similarities and differences.
4. What are multi-agent systems, and how are they applied in e-commerce marketplaces?
5. What is the significance of authentication and digital signatures in ensuring secure online transactions?
6. Discuss the different types of web application architectures used in e-commerce development.
7. How do traceability mechanisms enhance security in e-commerce transactions?
8. What are electronic marketplaces, and how do they function in e-commerce?