

Total No. of Printed Pages : 4

Roll No.....

MCA-22B (ELECTIVE II)
E-COMMERCE

Master of Computer Applications (MCA-11/16/17)

Six Semester, Examination-2020

Time Allowed : 2 Hours

Maximum Marks : 80

Note : This paper is of Eighty (80) marks divided into Two (02) sections A and B. Attempt the question contained in these sections according to the detailed instructions given therein.

Section-A

(Long Answer type Questions)

Note : Section-'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any two (02) questions only. (2×20=40)

1. What types of electronic payment systems are required in E-Commerce? Why are there different types of payment systems? Explain the necessary characteristics of each type of payment system and give an example of each where it is used.
2. Explain how symmetric encryption works. What are the dimensions of E-Commerce Security not addressed by Symmetric encryption ?
3. What are the salient features of smart card? What is smart money? Differentiate between smart card and credit card.
4. What are the cryptographic Tools? Name any two such tools and discuss in detail.
5. Write short notes on : E-Cash, E-Wallet, B2B E-commerce, Digital Signature and Auction.

Section-B

(Short answer type questions)

Note: Section-B Contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any four (04) questions only. (4×10=40)

1. Explain the advantages and disadvantages of credit card.
2. What do you understand by multi-agent system? Explain.
3. What are the optimization algorithms for marketplace?
4. Write a brief note on classifications and Advantages of B2C E-Commerce and explain the challenges faced by it.
5. What is the liability of network service providers under the Act?

6. Explain the working of SET protocol.
7. What are the benefits offered by electronic banking?
8. Briefly discuss about the layered architecture of E-Commerce.
