

## **MCA–22(B)(Elective-II)**

### **E-Commerce**

Master of Computer Application (MCA–11/16/17)

Sixth Semester, Examination, 2018

**Time : 3 Hours**

**Max. Marks : 80**

**Note :** This paper is of **eighty (80)** marks containing **three (03)** Sections A, B, C. Attempt the questions contained in these Sections according to the detailed instructions given therein.

### **Section–A**

#### **(Long Answer Type Questions)**

**Note :** Section ‘A’ contains four (04) long answer type questions of nineteen (19) marks each. Learners are required to answer *two* (02) questions only.

1. (a) Explain how smart cards and credit cards have roles in e-Commerce applications.  
(b) Describe in detail the online payment procedure in credit card system.
2. Consider the development of a portal for a Retailer Shop. Discuss the various technologies, tools and components involved in designing the same.
3. (a) What is cryptography ? What is the role of cryptography for e-Commerce ?  
(b) What is Digital Signature ? Explain its working.

4. Write short notes on the following :
- (a) Cyber Law in India
  - (b) Web application architecture
  - (c) Framework complaint server
  - (d) Optimization

### **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 *four* (04) questions only.

- 1. (a) Explain the significance of Internet Governance.  
(b) What is the role of Intranet in B2B applications ?
- 2. What do you mean by Extranet ? How is it different from Intranet technology ?
- 3. Explain the concept of Digital currency.
- 4. (a) Describe some ETF Services.  
(b) Compare EDI with paper-based document transmission.
- 5. How will you ensure transaction integrity with digital signatures ?
- 6. What do you understand by Data Encryption ?
- 7. What is e-Commerce security and why is it important ?
- 8. Explain the concept of E-cash.

### **Section–C**

#### **(Objective Type Questions)**

**Note :** Section ‘C’ contains ten (10) objective type questions of one (1) mark each. All the questions of this Section are compulsory.

Find out the most suitable option in the following :

- 1. By electronic commerce we mean :
  - (a) Commerce of electronic goods

- (b) Commerce which depends on electronics
  - (c) Commerce which is based on the use of internet
  - (d) Commerce which is based on transactions using computers connected by telecommunication network
2. B2C commerce :
- (a) includes services such as legal advice
  - (b) means only shopping for physical goods
  - (c) means only customers should approach customers to sell
  - (d) means only customers should approach business to buy
3. Electronic Data Interchange is necessary in :
- (a) B2C e-Commerce
  - (b) C2C e-Commerce
  - (c) B2B e-Commerce
  - (d) Commerce using internet
4. By symmetric key encryption we mean :
- (a) one private key is used for both encryption and decryption
  - (b) private and public key used are symmetric
  - (c) only public keys are used for encryption
  - (d) only symmetric key is used for encryption
5. Which of the following are advantages normally associated with B2B e-Commerce ?
- (a) Shorter cycle times
  - (b) Reduction in costs
  - (c) Reaches wider audiences
  - (d) All of the above

6. Unique value auction is mainly applies to :
  - (a) New products
  - (b) Second hand products
  - (c) Engineering products
  - (d) None of the above
7. Paisapay is facilitated in :
  - (a) eBay.co.in
  - (b) amazon.com
  - (c) flipkart.com
  - (d) None of the above
8. What is the name for direct computer-to-computer transfer of transaction information contained in standard business documents ?
  - (a) internet commerce
  - (b) e-Commerce
  - (c) transaction information transfer
  - (d) electronic data interchange
9. Secure Sockets Layers does which of the following ?
  - (a) Creates a secure, private connection to a web server
  - (b) Encrypts information
  - (c) Sends information over the internet
  - (d) All of the above
10. Which is not a function of ERP ?
  - (a) Warehousing
  - (b) Sales
  - (c) Scheduling
  - (d) None of the above