

Roll No. ....

**M.C.A.-II (Master of Computer Applications)  
Sixth Semester Examination-2015**

**MCA-22 (Elective-II)**

**Electronic Commerce**

**Time : 3 Hours**

**Maximum Marks : 60**

**Note : This paper is of sixty (60) marks divided into three (03) sections A, B, and 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 fifteen (15) marks each. Learners are required to answer any two (02) questions only. (2×15=30)**

1. (a) What is e-commerce? What are the various components of electronic commerce applications?  
(b) Explain the different steps involved in the development of an e-commerce web site.
2. (a) Define Electronic Data Interchange. What are the components of Electronic Data Interchange?  
(b) What is E-shopping? What are the advantages and disadvantages of e-shopping?

3. (a) Define digital cash or e-cash. Explain with example how an online banking system works.  
(b) What are the security issues of E-commerce?
4. Write short notes on following:
  - (a) Cyber Law in India
  - (b) Electronic marketplaces
  - (c) Web services

### **Section - B**

#### **(Short Answer Type Questions)**

**Note : Section 'B' contains eight (08) short-answer-type questions of five (05) marks each. Learners are required to answer any four (04) questions only. (4×5=20)**

1. What are the software technologies for building e-commerce?
2. What are the classifications of E-commerce field by nature of the transactions?
3. What do you mean by Data Encryption Standard?
4. Who are the stakeholders in E-Commerce information system?
5. Explain the benefits and limitations of E-commerce.
6. Discuss the security requirements of Internet and E-commerce applications and how these requirements are fulfilled by various hardware and software systems.
7. What are the advantages and disadvantages of a Smart Card?
8. Explain the ways and means of protecting online website operations from hackers .

## Section - C

### (Objective Type Questions)

**Note : Section 'C' contains ten (10) objective-type questions of one (01) mark each. All the questions of this section are compulsory. (10×1=10)**

1. Which of the following describes e-commerce?
  - a) Doing business electronically
  - b) Doing business
  - c) Sale of goods
  - d) All of the above
2. Which of the following is part of the main types for e-commerce?
  - a) B2B
  - b) B2C
  - c) C2B
  - d) All of the above
3. Which one is an encryption technique?
  - a) RSA
  - b) DES
  - c) AES
  - d) All of the above
4. The basic elements of website is
  - a) Home page
  - b) Web pages
  - c) Links and banners
  - d) All the above
5. Which one is an offline payment mode?
  - a) Cash on delivery
  - b) Cash before delivery
  - c) Credit card
  - d) Both a and b
6. OTP stands for
  - a) One Time Password
  - b) On Time processing
  - c) One time processor
  - d) None of the above

7. Which will harm computer resources ?
- a) Worm
  - b) Virus
  - c) Trojan horse
  - d) All the above
8. During E-commerce transaction we should ensure
- a) Integrity
  - b) Security
  - c) Confidentiality
  - d) All the above
9. The viruses can spread through \_\_\_\_\_ .
- a) Mail
  - b) Pen drives and CDs
  - c) Websites
  - d) All the above
10. What is the percentage of customers who visit a Web site and actually buy something called?
- a) Affiliate programs
  - b) Click through
  - c) Conversion rate
  - d) Spam