

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