

**Master in Computer Application (MCA) Second Year Semester—I Examination
E-COMMERCE
Paper—1**

Time : Three Hours]

[Maximum Marks : 80

N.B. :— (1) **ALL** questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagrams wherever necessary.

EITHER

1. (A) What do you mean by E-Commerce ? Explain its assurance services. 8
(B) Explain three pillars structure of E-Commerce with potential benefits of E-Commerce. 8

OR

- (C) Explain the security issues of E-Commerce. 8
(D) What are three major legal constraints facing E-Commerce ? 8

EITHER

2. (A) What do you mean by domain name ? How to avoid domain name disputes ? 8
(B) Discuss traditional EDI system with functions of EDI. 8

OR

- (C) What is Cryptography ? What are two legal issues regarding cryptographic key ? 8
(D) Explain the issues that arise when sites begin to insert links to sites from their websites. 8

EITHER

3. (A) Discuss risk associated with business transaction data transferred between trading partners. 8
(B) Write short notes on :
(i) Master file
(ii) Reference data 8

OR

- (C) Differentiate between control weakness and control risk. 8
(D) Explain impact of virus and malicious code over the E-business. 8

EITHER

4. (A) What is Firewall ? Explain the various components of firewall. 8
(B) Explain symmetric and asymmetric cryptography with example. 8

OR

- (C) What is network topology ? Discuss factors to consider in firewall design. 8
(D) Explain various messaging security issues. 8

EITHER

5. (A) What are the internet marketing techniques and its impact over the internet business ? 8
(B) What is Smart Card ? Explain any two functions of Smart Card. 8

OR

- (C) Explain intelligent agents with their impact on marketing techniques. 8
(D) Explain working of electronic check and electronic cash. 8