M.C.A., DEGREE EXAMINATIONS: NOV/DEC 2012

Fifth Semester

MASTER OF COMPUTER APPLICATIONS

MCA520: Electronic Commerce

Time: Three Hours   **Maximum Marks: 100**

Answer All Questions:-

PART A (10 x 2 = 20 Marks)

1. Why do we need E-commerce? What benefits does it offer when compared to traditional commerce?

2. What are the significant issues in implementing electronic commerce in an organization?

3. What are the 3 basic categories of credit card payment during on-line transactions?

4. State the advantages of Electronic Markets.

5. Explain the EDI applications in business.

6. List the functions of the supply-chain management.

7. Explain the term message integrity.

8. What is meant by Secure Electronic Transaction protocol?

9. Enumerate any four characteristics of client server architecture that are appropriate for an E-Commerce environment.

10. Mention some factors to be included for designing electronic payment systems.

PART B (5x16 = 80 Marks)

11. a) (i) With a neat sketch explain the Electronic Commerce industry framework. (8)

   (ii) Discuss in detail how the payment systems are done using offline transactions and online transactions. (8)

(OR)

 b) (i) Explain the Architectural framework for electronic commerce. (8)

   (ii) Discuss briefly the entities which may participate in a B_2B e-commerce transaction (8)

12. a) Compare the features offered by Netscape Commerce server and Microsoft Internet sever to support E-Commerce transactions.

(OR)

b) What is EDI? Explain the legal, security and privacy issues in EDI.

13. a) How SSL client and server exchange information in connection with handshake sequence before opening the secure channel.

(OR)

b) What is Electronic Funds Transfer? Explain the security protocols that support reliable Electronic Funds Transfer.

14. a) (i) Discuss various threats posed by servers in a client server environment. (8)

(ii) Explain different security protocols used for e-commerce applications. (8)

(OR)

b) Write short notes on:

(i) Cyber cash (8)

(ii) Virtual Internet payment systems. (8)

15. a) With a suitable case study explain the different stages involved in credit card processing.

(OR)

b) Write short notes on:

(i) Digital cash

(ii) e-cash client software

(iii) Smart card

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