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Z 3509

M.C.A. DEGREE EXAMINATION, MAY/JUNE 2008.

Elective

MC 1622 – ELECTRONIC COMMERCE

(Regulation 2005)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. State the security standards available for WWW.
2. What is the role of IETF?
3. What is DES?
4. List out the cryptographic applications.
5. What is the hardware required to setup a secure web server?
6. What are the different payment methods?
7. State the ways to setup as a seller on the FVIP system.
8. What is cyber coin?
9. Distinguish between digital currencies and electronic payment system.
10. Write short note on EDI.

PART B — (5 × 16 = 80 marks)

11. (a) Explain a model for commercial transactions in detail.

Or

- (b) Why the internet is unsecured? Explain the risks associated in it.

12. (a) Explain the terms code, cipher, encryption and decipher with respect to cryptography. Also explain the role of security algorithms in cryptography.

Or

- (b) (i) Explain the public key encryption technique with a neat diagram.
(ii) Explain briefly about the applications of cryptography.
13. (a) Explain the features of secure online transactions models in detail.

Or

- (b) Explain the features of SET protocol for the public transport.
14. (a) Explain the features and services of InfoHaus.

Or

- (b) Explain the Cyber cash system briefly.
15. (a) How does a digital currency system work? Explain.

Or

- (b) Explain the roles of smartcards and credit cards in electronic commerce.
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