G 3507

M.C.A. DEGREE EXAMINATION, MAY/JUNE 2007.

Elective

MC 1622 — ELECTRONIC COMMERCE

(Regulation 2005)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1.   What is the role of CGI?

2.   What are AUP's?

3.   Mention some serious risks when you send data across the Internet.

4.   What is a cipher?

5.   What are the protocols used in a secure web server?

6.   What are the S-HTTP security features?

7.   How much is the CyberCash Software secured?

8.   Mention any two organizations that offer tools/products for e-commerce.

9.   What are smart cards?

10.   How will you promote on-line selling?

PART B — (5 × 16 = 80 marks)

11.   (a)   Why, do you think, online commerce has become so popular?

Or

      (b)   Explain the TCP/IP protocols.

12. (a) What do you mean by public key cryptography? Explain.

Or

(b) ⁄ What are the applications of cryptography? Explain them.

13. (a) Explain the features of secure online transactions models in detail.

Or

(b) Explain the protocols used for public transport of private information.

14. (a) Explain the CyberCash system briefly.

Or

(b) Explain the first virtual internet payment system.

15. (a) How does a digital currency system work?

Or

(b) Explain briefly the strategies, tools and techniques used in the Internet to promote good e-commerce.