Name : …………………………………………………….

Roll No. : ……………………………………………….

Invigilator's Signature : ……………………………….

CS/BCA/SEM-5/BCA-E501C/2009-10
2009
MULTIMEDIA AND E-COMMERCE

Time Allotted : 3 Hours   Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP – A
(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following :

$10 \times 1 = 10$

    i)   The main purpose of digital signature is

        a)   Non-repudiation   b)   Authenticity

        c)   Confidentiality   d)   All of these.

    ii)   A key is

        a)   a value   b)   a logic

        c)   a function   d)   all of these.

    iii)   DES is a

        a)   secret key symmetric algorithm

        b)   secret key asymmetric algorithm

        c)   public key symmetric algorithm

        d)   none of these.

iv) PS stands for

    a)   Payment Server

    b)   Processing Server

    c)   Public Server

    d)   Private Server.

v) In e-credit card system, the customer is protected doubly because

    a)   He sends his digital signature

    b)   He re encrypts his private key with a password

    c)   He uses the private key of the bank

    d)   None of these.

vi) Among below which is not a primary components of a firewall ?

    a)   Network policy

    b)   Packet filtering

    c)   Application gateways

    d)   Data hiding.

vii) SET protocol is used for

    a)   credit card payment

    b)   cheque payment

    c)   E-cash payment

    d)   payment of small amounts for internet services.

viii) The various graphics standards does not include

    a)   MCA   b)   EGA

    c)   G.729   d)   8514.

ix) In reference to networking standard the word ATM stands for

    a) Asynchronous Translation Mode

    b) Asynchronous Transmission Mode

    c) Asynchronous Transfer Mode

    d) Asynchronous Transmission Model.

x) Full form of JPEG is

    a) Joint Picture Experts Group

    b) Joint Photo Experts Group

    c) Join Picture Experts Group

    d) Join Photographic Experts Group.

GROUP – B
(Short Answer Type Questions)
Answer any *three* of the following. $3 \times 5 = 15$

2. List some of the features of E-Commerce.

3. Explain the operation of SSL.

4. Briefly describe the Section 3 of The Indian Evidence Act, 1872 as amended by the IT Act, 2000.

5. What are 'Debit Cards' and 'Credit Cards' ?

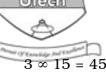6. What is 'Multimedia' ? Give examples of multimedia hardware.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.   3 ∞ 15 = 45

7. a) What is E-Commerce ?

    b) Explain its merits and demerits.

    c) What are the barriers of e-business in India ? Explain.

                                            2 + 5 + 8

8. a) Define supply chain management.

    b) Describe the Plossl's Seven Supply Chain points.   5 + 10

9. a) Describe Multimedia Systems Architecture.

    b) What are the different types of multimedia systems ? Explain.

    c) What is Microwave Transmission ?   4 + 9 + 2

10. a) Explain any five file formats in Multimedia.

    b) What are the different types of Cyber crimes ?   10 + 5

11. Write short notes on any *three* of the following :   3 ∞ 5

    a) Encryption

    b) Digital signature

    c) Holographic images

    d) E-Governance

    e) Sound editing software

    f) Video editing software.