



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/ BCA/SEP.SUPPLE/SEM-5/BCAE-501C/2012**

**2012**

**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. Answer the following questions : 10 × 1 = 10

A. Choose the correct alternatives for the following : 5 × 1 = 5

i) In reference to networking standard, the word ATM stands for

- a) Asynchronous Translation Mode
- b) Asynchronous Transmission Mode
- c) Asynchronous Transfer Mode
- d) None of these.

ii) A key is

- a) a value b) a logic
- b) a function d) all of these.



iii) The main objectives of cryptography are

- a) Authentication
- b) Confidentiality
- c) Integrity
- d) all of these.

iv) Full form of JPEG is

- a) Joint Picture Experts Group
- b) Joint Photo Experts Group
- c) Join Photographic Experts Group
- d) None of these.

v) DES is a

- a) Secret key symmetric algorithm
- b) Secret key asymmetric algorithm
- c) Public key symmetric algorithm
- d) none of these.

B) State the following *True/False* :  $5 \times 1 = 5$

- (i) Use Anti-virus software to prevent threats of e-commerce
- (ii) Symmetric cryptography has no disadvantages
- (iii) Protect computers with Firewalls
- (iv) Information Technology Act, 2000 deals with legal recognition to electronic records and digital signatures.
- (v) In the e-credit card system, the vendor can easily cheat the customer because he has the credit card number of him.



**GROUP – B**

**( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

2. Define Supply Chain Management. 5
3. Describe Multimedia System Architecture. 5
4. List some of the features of E-commerce. 5
5. Explain the concept of cryptography. 5
6. Describe Video editing software. 5

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

7. a) What is Firewall ? 5  
b) What are the advantages of Firewall ? 5  
c) What are the limitations of Firewall ? 5
8. a) Explain the concept of Digital Signature. 4  
b) What is its importance ? 3  
c) What do you mean by public key & private key ? 5  
d) What is microwave transmission ? 3
9. a) Explain the advantages and disadvantages of E-commerce. 8  
b) Briefly describe the principles of E-Commerce. 7

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10. a) What are Debit cards and Credit cards ? 6
- b) Briefly describe the Section 3(6) of the Indian Evidence Act, 1872 as amended by the IT Act, 2000. 9
11. Write short notes on any *three* of the following : 3 × 5
- a) Different types of cyber crimes
  - b) Security Features on the Internet
  - c) JPEG
  - d) E-Commerce
  - e) Applications of E-commerce.

