Reg. No. ☐☐☐☐☐☐☐☐☐

BCACAC 263

Credit Based Fourth Semester B.C.A. Degree Examination, April/May 2014
(New Syllabus 2013-14 Batch)
E-COMMERCE

Time : 3 Hours

Max. Marks : 80

Note : Answer **any ten** questions from Part – **A** and **any one** full question from **each** unit in Part – **B**.

PART – A

(10×2=20)

1. a) Define electronic commerce.
   b) List the categories of E-Commerce model.
   c) Define EDIFACT.
   d) What is encryption ? Name any two encryption technique.
   e) What is Ethernet ?
   f) Differentiate TCP and UDP.
   g) What is firewall ?
   h) What are the services of FTP ?
   i) List the components of DNS.
   j) What is SLIP ?
   k) What is cryptanalysis ?
   l) Define mobile commerce.

PART – B
UNIT – I

2. a) Briefly explain B2B of E-Commerce.
   b) Explain electronic store model with diagram.
   c) What is advertising model ? How does it work ?

(5+6+4)

3. a) Explain any two application of E-Commerce.
   b) Explain affiliate model with diagram.
   c) How does metered service model work ?

(5+6+4)

P.T.O.

UNIT – II

4. a) Explain the benefits of EDI.

   b) Explain the architecture of e-mail system with diagram.

   c) Write a short note on network infrastructure in framework of E-Commerce.

   (5+6+4)

5. a) Write a note on VAN.

   b) With a neat diagram explain different steps in typical interaction of an HTTP session.

   c) What are digital certificates ?

   (5+8+2)

UNIT – III

6. a) Explain the different types of topologies in LAN with a neat diagram.

   b) Explain type of incidents in network security.

   (8+7)

7. a) Write a short note on transmission media used in LAN's.

   b) Explain internet industry structure with a diagram.

   c) What is resolver ?

   (8+5+2)

UNIT – IV

8. a) Explain the conventional encryption model with a neat diagram.

   b) Write a note on e-cash.

   c) Explain different application of M-commerce.

   (5+5+5)

9. a) Explain the public key cryptosystem with a diagram.

   b) Write a note on mondex.

   c) Explain major impediments faced by mobile commerce environment.

   (5+5+5)