Reg. No. ⬚⬚⬚⬚⬚⬚⬚

BCACAC 263

IV Semester B.C.A. Degree Examination, April/May 2019

(Credit Based Semester Scheme)

(Common to All Batches)

E-Commerce

Time : 3 Hours]   [Max. Marks : 80

Instructions : *Answer any ten questions from Part – A and any one full question from each Unit of Part – B.*

PART – A

1.   Answer **any ten** of the following :   (10 × 2 = 20)

(a)   Define electronic commerce.

(b)   How does an advertising model work? Which are the different types of advertising methods?

(c)   What is Manufacturer Model? Give an example for this model.

(d)   Give any two benefits of EDI.

(e)   What are digital certificates?

(f)   What are the services of an FTP?

(g)   Differentiate TCP and UDP.

(h)   What is ALOHA?

(i)   What is sniffing?

(j)   What is PGP?

(k)   What is data integrity in Security services?

(l)   What is WAP?

P.T.O.

PART – B

UNIT – I

2. (a) Explain the different phases in an E-Commerce market element.

   (b) Explain the different categories of Native Content Models with an example for each.

   (c) What is a Subscription Model? How does it work? **(5 + 5 + 5)**

3. (a) Explain any two applications of E-Commerce.

   (b) Explain the B2C electronic commerce with an example.

   (c) What are the services provided by Web hosting and Internet services model? **(5 + 5 + 5)**

UNIT – II

4. (a) Write a note on :

   (i) Application/Conversion Layer of EDI

   (ii) Standard Formats Layer of EDI

   (b) Explain the Network infrastructure in framework of E-Commerce.

   (c) Explain the architecture of an E-mail system with a diagram. **(5 + 5 + 5)**

5. (a) Write a note on Value Added Network.

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

   (c) Write a short note on WWW Server. **(5 + 7 + 3)**

UNIT – III

6. (a) What do you mean by denial of service? How to prevent it?

   (b) Explain Domain Name System.

   (c) Explain the following with neat diagrams

   (i) Bus topology

   (ii) Star topology **(4 + 5 + 6)**

7. (a) Write a note on twisted pair cables.

    (b) What is Spoofing? Explain any two types of spoofing.

    (c) Explain type of incidents in network security.   (4 + 5 + 6)

UNIT – IV

8. (a) What are the different issues of network transaction security?

    (b) Explain the public key cryptosystem with a diagram.

    (c) Write a note on Mondex.   (5 + 5 + 5)

9. (a) Explain the working of E-Cash payment system with a neat diagram.

    (b) Write a note on 3G network.

    (c) Explain the different applications of M-Commerce.   (5 + 5 + 5)

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