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**BCACAC 263**

**Credit Based Fourth Semester B.C.A. Degree Examination, May/June 2016  
(New Syllabus) (2013 – 14 Batch Onwards)  
E-COMMERCE**

Time : 3 Hours

Max. Marks : 80

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

**PART – A**

1. a) Define E-commerce. **(10×2=20)**
- b) List the categories of E-commerce business models.
- c) What is freeware model ? Give an example.
- d) What is EFT ? Give an example.
- e) Give any two applications of EDI.
- f) Give the general format of URL.
- g) What are the services of FTP ?
- h) Name the two main components of an e-mail.
- i) What is sniffing ?
- j) Name the different types of firewalls.
- k) What is ALOHA ?
- l) Name any two authentication protocols in m-commerce.

P.T.O.



## PART – B

## Unit – I

2. a) Explain B2C electronic commerce with an example.  
b) Explain Advertising model.  
c) What is a brokerage model ? Explain its role in business transaction. **(5+5+5)**
3. a) Explain the benefits of E-commerce.  
b) Explain electronic store model with a diagram.  
c) How does supply chain management take place using e-commerce ? **(5+6+4)**

## Unit – II

4. a) Write a note on Value Added Network.  
b) Explain the architecture of an e-mail system with a neat diagram.  
c) Write a short note on WAN. **(5+6+4)**
5. a) Explain the benefits of EDI.  
b) With a neat diagram explain different steps in typical interaction of an HTTP.  
c) Name any two web servers. **(5+8+2)**

## Unit – III

6. a) Explain ring topology with a neat diagram. Mention its advantages.  
b) Write a short note on transmission media used in LANS.  
c) Why is the internet vulnerable to hackers ? **(6+6+3)**
7. a) Explain Domain name system.  
b) Explain 10 Base 5 (Thick coaxial cable).  
c) Explain different types of security problems or threats in e-commerce. **(6+5+4)**



**Unit – IV**

- 8 a) What are the different network services to ensure the security of a message ?  
b) Write a note on mondex.  
c) Explain the different applications of M-commerce. **(5+5+5)**
9. a) Explain the public key cryptosystem with a diagram.  
b) Explain the working of Netbill payment system with a neat diagram.  
c) Explain major impediments faced by the mobile commerce environment. **(5+5+5)**
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