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**BCACAC 263**

**Credit Based Fourth Semester B.C.A. Degree  
Examination, September 2022  
(Common to all Batches)  
E-COMMERCE**

Time : 3 Hours

Max. Marks : 80

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

**PART – A**

1. a) Define Electronic Commerce. (10×2=20)  
b) Give any two benefits of EDI.  
c) Give the general format of URL.  
d) Define Business model.  
e) What are Digital certificates ?  
f) What are the services of FTP ?  
g) What is Sniffing ?  
h) Name the two components of email.  
i) What is DNS ?  
j) What is Cryptanalysis ?  
k) What is E-Cash ?  
l) Define Mobile Commerce.

**PART – B  
Unit – I**

2. a) Explain briefly about B2B E-Commerce.  
b) Explain the applications of E-Commerce.  
c) Explain Advertising model. (5+5+5)

P.T.O.



- 3. a) Explain B2C Electronic Commerce with an example.
- b) Explain Electronic Store Model.
- c) How does supply chain management take place using E-Commerce ? **(5+5+5)**

**Unit – II**

- 4. a) Write a short note on Value Added Network (VAN).
- b) Explain interaction in HTTP session with diagram.
- c) Explain WWW server. **(5+5+5)**
- 5. a) Explain briefly the framework of E-Commerce with a neat diagram.
- b) Explain the architecture of an E-mail system with a neat diagram.
- c) What is the role of online payment systems in E-Commerce ? **(5+5+5)**

**Unit – III**

- 6. a) Explain the following with diagram :
  - i) Bus topology
  - ii) Star topology.
- b) Write a short note on transmission media used in LANS.
- c) What do you mean by denial of service ? How to prevent it ? **(5+5+5)**
- 7. a) Explain the internet layer of the TCP/IP reference model.
- b) Explain different type of security problems or threats in E-Commerce.
- c) Write a note on twisted pair cables. **(5+5+5)**

**Unit – IV**

- 8. a) Explain the Public key cryptosystem with a neat diagram.
  - b) Explain PGP model email security with a neat diagram.
  - c) Explain the working of Netbill payment system with a neat diagram. **(5+5+5)**
  - 9. a) Explain the different applications of M-Commerce.
  - b) Discuss the basic requirements of Online system.
  - c) Write a note on 3G network. **(5+5+5)**
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