

B. Tech Third Year : 5th Semester
E-COMMERCE, DEC., 2011
(FOR 5 IT 6.2 BRANCH OF ENGINEERING)

Times : 3 Hours

Min. Passing Marks : 24

Total Marks : 80

Instructions to Candidates : Attempt overall five questions selecting one question from each unit. All questions carry equal marks. (Schematic diagrams must be shown wherever necessary. Any data you feel missing may suitable be assumed and stated clearly. Units of quantities used/calculated must be stated clearly.)

◁ **Unit-I** ▷

(ii) Digital certificate [5+5]

1. (a) Explain the categories of e-commerce. [8]
 (b) In what way the security is a limitation of e-commerce explain. [8]

OR

- (a) Explain VPN architecture and its protocols. [10]
 (b) What is the role of VPN in network security? [6]

OR

- (a) Explain the difference between B2B and B2C. [8]
 (b) Explain the following:
 (i) Specialized mobile radio (SMR) system.
 (ii) Mobile data networks. [4+4]

◁ **Unit-IV** ▷

4. (a) Explain types of electronic payment systems. [8]
 (b) What are the essential requirement of electronic payment? [8]

◁ **Unit-II** ▷

2. (a) Describe challenges and application of mobile computing. [8]
 (b) Explain the various types of mobile devices and wireless devices. [8]

OR

- (a) What are the electronic payment media? Explain. [8]
 (b) What are the issues and challenges of online banking? [8]

OR

- (a) What are the protection methods of client server networks? [8]
 (b) Explain :
 (i) TCP segment format
 (ii) IP datagram format [4+4]

◁ **Unit-V** ▷

5. (a) What is EDI maturity model? Explain all stages. [8]
 (b) Write short note on:
 (i) Taxation issues
 (ii) Cyber jurisdiction [4+4]

◁ **Unit-III** ▷

3. (a) Explain elements of security architecture [6]
 (b) Write short note on:
 (i) Digital signature

OR

- (a) Explain architecture of CRM. [12]
 (b) Explain integration of CRM with ERP. [4]