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B.Tech. Examination, 2017

(Fifth Semester)

(I.T. Branch)

E-COMMERCE

Paper - II

Time Allowed : Three Hours

Maximum Marks : 100

Note : Attempt any five questions. All questions carry equal marks.

- Q. 1.** (a). What are the various types of e-commerce ?
Explain each in detail.
- (b) Discuss the problems and issues related to the Internet based e-commerce ?
- Q. 2.** (a) What do you understand by network ?
Discuss the various types of computer networks ?
- (b) What do you mean by I-way ? Write down the various components of I-way.
- Q. 3.** (a) Write short notes on the following :
- (i) CDMA
- (ii) TDMA

(2)

(b) List down the applications of WAP. What is the future of WAP ?

Q. 4. (a) What do you understand by e-commerce security threats ? Explain some security threats for e-commerce.

(b) Write short notes on Firewall ?

Q. 5. (a) Discuss the security services related to transactions.

(b) What do you understand by VPN ? Discuss the various types of VPN.

Q. 6. (a) With the help of a suitable diagram, explain the process of payment settlement.

(b) What is smart card ? How does it differ from a credit card.

Q. 7. Write short notes on any four of the following :

(a) ATM

(b) Digital Signatures

(c) Debit Card

(d) EDI

(e) E-Commerce Law

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Subash Subash
Answer No 20

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Note : Attempt any five questions. Each question carry equal marks.

Q. 1. (a) What are various categories of e-commerce based on the parties involved in a transaction ? **10**

(b) What are needs of e-commerce in changing the business environment ? **10**

Q. 2. (a) Explain E-Commerce frame-work. **10**

(b) Write down the advantages of broadband telecommunication. Why is it important for e-commerce ? **10**

Q. 3. (a) Discuss the layered structured of WAP. **10**

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(2)

(b) What type of network is needed for e-commerce and what are the market forces influencing the I-way ? **10**

Q. 4. (a) What is firewall ? Differentiate between static and dynamic firewalls. **10**

(b) What are the security issues on web ? Discuss the goals of web attackers. **10**

Q. 5. (a) Describe the advantages and disadvantages of symmetric and asymmetric key encryption. **10**

(b) What do you mean by VPN ? Discuss the advantages of a VPN. **10**

Q. 6. (a) What is Digital Signature ? What are the properties that a digital signature scheme must satisfy ? **10**

(b) What do you mean by online banking ? What are their advantages over traditional banking ? **10**

Q. 7. (a) What is smart card ? What are the advantages of smart card over credit cards ? Also explain about the different type of smart cards. **10**

(b) Write short notes on any two of following : **10**

(i) SET protocol

(ii) ISDN

(iii) DES

(iv) Digital Tokens