



Printed Pages : 3

TIT-501

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 1307

Roll No.

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B. Tech.

(SEM. V) EXAMINATION, 2008-09

E-COMMERCE

Time : 3 Hours]

[Total Marks : 100

Note : Attempt all questions.

1 Attempt any **two** parts of the following : **10×2=20**

- Describe the need of e-commerce in the changing business environment. What are the market forces influencing the I-WAY? What is mobile data networks?
- Define B2B e-commerce and illustrate the advantages offered by B2B e-commerce to existing businesses.
- Describe the working of broad band telecommunication system.

2 Attempt any **two** parts of the following : **10×2=20**

- Compare Client - Server Security and Data and Transaction Security systems. What are the client-server security threats? Describe the security policies and firewall management.



(b) What do you understand by Wireless Application Protocol (WAP)? What are Personal Digital Assistants (PDAs)?

(c) Show that the Domain Name System (DNS) is an example of global distributed information management system. Use suitable examples to explain it.

3 Attempt any **two** parts of the following : **10×2=20**

(a) What are secret key encryption techniques? What is the concept of public key encryption system and private key encryption system. Use suitable examples to explain it.

(b) Why are the machines on internet vulnerable to hackers? Describe various sources of vulnerabilities.

(c) Write a note on web security with reference to :

(i) Secure HTTP

(ii) Secure Socket Layer - SSL

4 Attempt any **two** parts of the following : **10×2=20**

(a) Describe the basic requirements of an online payment system.

(b) What are the emerging financial instruments used in electronic payment system? Describe the concept of electronic purse.

(c) Describe the pros and cons of credit card based electronic payment system. Use examples to explain it.

5 Attempt any **two** parts of the following : **10×2=20**

(a) Describe the impact of network based e-commerce transactions on the traditional supply chain management. What is Net-commerce?

(b) Discuss the issues of customer relationship management.

(c) What is the likely impact of e-commerce on economic structures like manufacturers, dealers, channel partners and consumers?

