TIT-506

Roll No.

**ODD SEMESTER Examination, 2019-20**
**B.TECH (IT) Fifth Semester**
(E-Commerce)

Time: 3:00 HRS.

Maximum Marks: 100

Total no. of printed pages: 1

(i). Attempt All questions
(ii). All questions carry equal marks

**1. Attempt any four parts of the following.** (5X4=20)
a) What do you understand by the term E-commerce? List the various advantages& disadvantages of E-commerce
b) Describe the functions and features of electronic payment system?
c) Discuss the network infrastructure for E-commerce.
d) Explain the emerging client server security threats in detail.
e) What are smart cards? What are the various types of smart cards? Do you think the use of Smart card is safe enough?
f) What is an electronic cheque? State its importance and role in e-commerce.

**2. Attempt any four parts of the following.** (5X4=20)
a) Explain the need for SET protocol in E-Commerce with its features.
b) What is an electronic cheque? State its importance and role in e-commerce.
c) Discuss the various components of I Way access equipment.
d) What is M-Commerce? Discuss the various application of M-Commerce
e) Explain the business issues that must be addressed before consumer-oriented e-commerce can become widespread.
f) Explain EDI in detail with a suitable example? List any three advantages and disadvantages of EDI

**3. Attempt any two parts of the following.** (10X2=20)
a) Explain briefly about Public key cryptosystem? Make a comparative study of symmetric and public key encryption system
b) What do you understand by the term firewall? Discuss the role of firewall in network access security? Briefly describe the various types of firewalls
c) Explain in detail about Wireless application protocol architecture.

**4. Attempt any two parts of the following.** (10X2=20)
a) What is electronic fund transfer? What are the security issues involved in it?
b) Explain the virtual Private network in detail
c) What is a digital signature? Why is it necessary in E-Commerce? What are the necessary conditions a hash function used in digital signature should satisfy?

**5. Attempt any two parts of the following.** (10X2=20)
a) Write short notes on the following
  I. Credit card
  II. Debit card
  III. Paypal
b) What do you understand by the term World Wide Web? Discuss the various transaction securities in E-commerce.
c) Explain the ways and means of protecting online website operations from hackers.