TIT-506   1108

Odd Semester Examination 2018-19

B.TECH. (IT) (Semester-V)

E-Commerce

Time: 03:00 Hours   **Max. Marks:50**

1.   Attempt **any four** :   [5X4=20]

    (a)   What is E-Commerce? Explain the Forces behind E-Commerce in details.

    (b)   What is Brief history of E-Commerce? What are the different types of E-commerce?

    (c)   What is the difference of inter Organizational E-Commerce and intra Organizational E-Commerce ?

    (d)   What is the Architectural framework in E-Commerce? Explain C2C E-Commerce with an appropriate example.

    (e)   What is the Difference between traditional commerce and e-commerce? Why is internet important in E-Commerce ?

2.   Attempt **any four**:   [5X4=20]

    (a)   Explain B2B E-Commerce using an example of a book distributor who stocks a large number of books, which he distributes via a large network of book sellers. Assume that the distributor has stocks of books of a large number of publishers and book sellers order books as and when their stock is low. Distributors give 1 month's time to booksellers for payment.

    (b)   Explain the system architecture of E-Commerce by looking at it as a set of layers with the physical network at the bottom layer and applications at the top layer.

(c) What is the Mobile Commerce? What is the use of Mobile Computing Application in e-commerce

(d) What is the Web Security? Explain the basic principle of Firewalls with architecture. What are the functions of a firewall?

(e) What do you understand by symmetric key cryptography? What are the main advantages and disadvantages of symmetric key cryptography?

3. Attempt **any one**: [1X10=10]

(a) Why is a different payment system needed for small payment for internet services? Explain how one such system functions. How does the system make sure that payment is made only after information for which payment has been made is actually delivered to the customer?

(b) Explain how cash transactions take place in E-Commerce. What special precautions should be taken by a bank to ensure that a customer does not double spend the same electronic coins issued to him/her?

----- X -----