

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

**Paper ID : 110668**

Roll No.

B. TECH.

Theory Examination (Semester-VI) 2015-16

E-COMMERCE

Time : 3 Hours

Max. Marks : 100

Section-A

1. Attempt all parts. All parts carry equal marks. Write answer of each part in short. (2×10 = 20)
- Discuss the term e-commerce. What are the different types of e-commerce?
  - Define internet. Why is internet important in e-commerce?
  - Explain C2C e-commerce with an appropriate example.
  - Why is security important in e-commerce?
  - What do you mean by 'online payment'?
  - List out the salient features of ATM.

1

(1)

P.T.O.

- Explain the different types of digital documents.
- Discuss the major methods used for advertisement.
- What do you understand by EDI? Is EDI used in B2C or B2B e-commerce?
- Define the term VAN. What services do VANs provide?

Section-B

2. Attempt any five questions from this section.

(10×5 = 50)

- Describe the mobile commerce. How is it different from e-commerce?
- How does SSL help an electronic commerce system to be secure? What are the security issues to be taken into account while designing a security system for e-commerce?
- Discuss the firewall. Discuss various types of firewall with its functions.
- What is packet screening? Which hardware device does perform packet screening ?

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(2)

P.T.O.

- (e) Differentiate between electronic cheque payment and credit card payment in e-commerce.
- (f) How do smart cards and credit cards play the roles in e-commerce applications?
- (g) Explain SET protocol used in credit card transactions. What is the main interesting aspect of SET protocol which gives confidence to customers transacting business using the internet?
- (h) What do you understand by symmetric key cryptography? What are the main advantages and disadvantages of symmetric key cryptography?

5. Write Short Note on :

- (a) Digital signature & ISDN
- (b) Packet switching and circuit switching.

### Section-C

Note : Attempt any two questions from this section.

(15 × 2 = 30)

- 3. What are the advantage of frame relay over X.25 and packet switching?
- 4. What are the main differences between DES based encryption and RSA based encryption? Is it possible to combine these two systems? If so, explain how?