

Printed Pages—3

EIT501

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

PAPER ID : 2169

Roll No.

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B.Tech.

(SEM. V) ODD SEMESTER THEORY
EXAMINATION 2012-13

E-COMMERCE*Time : 3 Hours**Total Marks : 100***Note** :- Attempt **all** questions. All questions carry equal marks.

1. Attempt any **two** of the following : **(10×2=20)**
 - (a) (i) What do you mean by E-Commerce ? What are its advantages and disadvantages ?
 - (ii) What are the various types of E-Commerce models ? Explain any one of them.
 - (b) (i) How can E-commerce facilitate customization of products and services ?
 - (ii) Why is it said that E-commerce is a catalyst of fundamental changes in organizations ?
 - (c) Describe the essential processes for successful operation and management of E-Commerce in detail.
2. Attempt any **two** of the following : **(10×2=20)**
 - (a) Describe Intranet, Extranet and Internet. Explain how are these helpful for an enterprise.

EIT501/DLT-44662

1

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- (b) (i) Write brief notes about ATM and ISDN.
(ii) Explain WAP and Satellite Communication.
- (c) What do you mean by mobile commerce ? Discuss its various components and applications.
3. Attempt any **two** of the following : **(10×2=20)**
- (a) Define firewall and its types. Discuss various factors for designing of Firewall.
- (b) Discuss various network security issues in detail.
- (c) Write short notes on the following :
- (i) Security Threats
(ii) Limitation of Firewall.
4. Attempt any **two** of the following : **(10×2=20)**
- (a) Differentiate between substitution and transposition based encryption with example.
- (b) (i) Explain the steps required for RSA algorithm with suitable example.
(ii) Write a short note on VPN.
- (c) Define public key digital signature and triple encryption with example.
5. Attempt any **two** of the following : **(10×2=20)**
- (a) What is digital cash ? What are the steps involved in e-cash transaction ? What properties it should have for successful transaction ?

- (b) Define Smart Card. Write the difference between Smart card and Credit card. Write the steps required for online payment through credit card.
- (c) Write brief notes on any **two** :
- (i) Secure Socket Layer
 - (ii) EDI Application in Business
 - (iii) E-Commerce 3 law.