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B.TECH.

THEORY EXAMINATION (SEM-VI) 2016-17
E-COMMERCE

Time : 3 Hours

Max. Marks : 100

Note : Be precise in your answer. In case of numerical problem assume data wherever not provided.

SECTION-A

(10×2=20)

1 Explain the following :

- a) Wireless Application Protocol
- b) Anonymous/auditable transfer
- c) E-cash
- d) CRM
- e) SCM
- f) E-mail spoofing
- g) VPN
- h) Active Server Pages
- i) Common Gateway Interface
- j) VRML(Virtual Reality Modelling Language)

SECTION-B

2 Attempt any five of the following:

(10×5=50)

- a). Describe Intra organizational Commerce and its application in the area of Business to Employee (B2E) services.
- b). What do you understand by protocol and briefly describe the role of TCP/IP in Internet?
- c) Describe the Radio-based Local Area Networks and their limitations.
- d) What is a Domain Name System? Show that it is an example of global distributed information management system.
- e) What is a firewall? Write down the different types of firewalls and mention their levels of security.
- f) What is difference between SMTP and HTTP? Describe salient features of Hypertext Transfer protocol.
- g) Define EDI. Specify four layers EDI architecture in detail.
- h) Describe impact of the network based e-commerce transactions on the traditional supply chain management.

SECTION-C

Attempt any two of the following :

(15×2=30)

- 3
 - i) Define interoperability in the context of online payment system.
 - ii) What are the various security issues in the context of online payment systems?
 - iii) Describe an online payment transaction in the Mondex Smart Card system.
- 4 Write short notes on any three of the following:
 - i) ATM
 - ii) ISDN
 - iii) SONET
 - iv) SDH
- 5
 - i) Describe a technique used for the non-repudiation of an ecommerce transaction.
 - ii) What is a low encryption attack on the RSA algorithm?
 - iii) Briefly describe the secure electronic transaction (SET) protocol.