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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 :**

- Wireless Application Protocol
- Anonymous/auditable transfer
- E-cash
- CRM
- SCM
- E-mail spoofing
- VPN
- Active Server Pages
- Common Gateway Interface
- VRML(Virtual Reality Modelling Language)

SECTION-B**2 Attempt any five of the following:****(10×5=50)**

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

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