Roll No. | | | | | | | | | |

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

1 Explain the following : **(10×2=20)**

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.

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.

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