BE3-R4: E-BUSINESS

NOTE:

> **1.** **Answer question 1 and any FOUR from questions 2 to 7.**
> **2.** **Parts of the same question should be answered together and in the same sequence.**

Time: 3 Hours **Total Marks: 100**

1.
a) Differentiate between Applet and servlet with an example.
b) What is a payment gateway? How it works?
c) List and explain various drivers of e-business.
d) Explain the significance of Tort Law with reference to internet.
e) What is IP Spoofing?
f) What is encryption? What all online activities can use encryption?
g) What is a SET protocol? Explain its features.

(7x4)

2.
a) Explain the role of firewall in securing organizational data. Further list and explain characteristics of various types of firewalls.
b) Explain the process of domain name dispute resolution.

(12+6)

3.
a) Explain how Secure Socket Layer (SSL) protocol ensures secure data transport service for application layer protocol.
b) Explain the process of hierarchical digital certificate system.

(12+6)

4. What is e-retailing? How is this different from traditional retailing? Discuss various models for e-retailing with examples.

(18)

5. What is a digital signature? Explain various steps involved in generation and verification of digital signature in detail.

(18)

6.
a) What are the steps involved in the process of using e-cash as payment method over the internet. Explain it with an example.
b) Define various types of e-auctions and list their characteristics.

(10+8)

7. You are an owner of book store and now, due to increasing competition, you also want to give customer an option to purchase books online from your store. Discuss various activities you need to perform in different phases involved in launching this business on internet.

(18)