B.TECH.
THEORY EXAMINATION (SEM–VI) 2016-17
E-BUSINESS STRATEGIES

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 x 2 = 20**
    (a) List out the advantages of web commerce.
    (b) What is EDI? Mention its benefits.
    (c) Give the definition of S-HTTP.
    (d) How to prevent double spending in on-line electronic cash?
    (e) Justify the need for computer security. Provide the types of risks.
    (f) What do you mean by password sniffing?
    (g) State the payment system participants.
    (h) Distinguish S-MIME from MIME.
    (i) Write notes on the following: 1) Gopher 2) WAIS
    (j) Specify the role of spiders and search engines.

SECTION – B

2. **Attempt any five of the following questions:**   **5 x 10 = 50**
    (a) State the necessity of migration to open EDI.
    (b) Enumerate the processing steps and architecture of SEPP with neat block diagram.
    (c) Briefly note on the following:
         (i)   CERT   (ii)   FIRST
    (d) Provide an overview of payment processing and describe the processing of registration, purchase request and payment details.
    (e) Compare and contrast MIME and S/MIME with necessary block diagram.
    (f) Specify the purpose of MOSS and discuss the security services offered by it.
    (g) Describe various internet tools relevant to commerce.
    (h) Illustrate the procedure of internet access by signifying the role of RAs and brief an example of NAP architecture.

SECTION – C

Attempt any two of the following questions: **2 x 15 = 30**

3   How confidentiality, integrity, authentication and interoperability can be achieved in internet monetary payment?

4   (i)   Distinguish conventional and public key encryption with example and suggest few methods to break an encryption scheme.
    (ii)   Mention various security tools and discuss any four of them in detail.

5   Brief about the technologies essential for web servers.