B. E. 4th Semester (IT) Examination, May–2010

INTERNET FUNDAMETALS

Paper–CSE-208-E

Time allowed : 3 hours]   [Maximum marks : 100

Note : *Attempt any five questions. All questions carry equal marks.*

1. (a)   Explain Document Object Model.   10

    (b)   Define the term internet. Explain the physical components of internet.   10

2.   Design a web page having a form with following input fields :   20

Name   : Text book

Gender   : Opinion button

Age   : Text box

Address   : Text box

Qualification : Combo box

Apply the validation checks on each field using Java Script.

3.   (a)   Define the term Email. Explain its advantages. 6

    (b)   Design a home page using frames. The top frame will contain an image and running text. The left

frame will contain all the links and the right frame will display a table with 3 rows and 4 columns. 14

4. Differentiate between :

   * Too Few Hits and Too Many Hits. 8

   * Public Key and Private Key cryptography. 8

   * TelNet and FTP. 6

5. (a) Explain :

   * Plug-ins

   * PWS 10

   (b) What is domain and IP address ? How does a domain name help in locating a computer ?

   10

6. (a) Define Mailer, Mail Server, and Mail Box. Explain the method of obtaining E-Mail. 10

   (b) Define the term Software Complexiety. What are the contributing factors of software complexity ?

   10

7. (a) Explain various components of browsing window.   5

   (b) Define the term Online Business. Explain various business models on the Internet.   15

8. (a) Apache Web Servers.

   (b) Firewall

   (c) Cookies

   (d) Mailing List.   20