1. (A) Fill in the blanks: (any seven)
   1. IP address is a _________ bit number.
   2. _________ is a text based browser.
   3. When you transfer a file from your computer to a remote computer, it is called _________.
   4. _________ helps you to express your emotions in plain text conversations like e-mail and chat.
   5. HTML file can have _________ or _________ extension.
   6. The <TITLE> is specified in _________ section of HTML document.
   7. The _________ tag is used to draw a line.
   8. File which contains External Style Sheet should have extension _________.
   9. _________ tag tells the browser to start treating the text as a script.
  10. _________ method converts a string to an integer number.

(B) State whether following statements are True/False: (any seven)
   1. To create web pages, a language called HTTP is used.
   2. Geographical domain names are given according to countries.
   3. Internet is owned by WWW Consortium.
   4. FTP is a member protocol of TCP/IP protocol suite.
   5. SMTP is used for developing web sites.
6. HTML tags are case sensitive.
7. The full form for URL is Uniform Resource Locator.
8. Rendering is defined as, the browser process displaying a web page on the screen.
9. A paragraph can have four different borders in its four different sides.
10. The on Blur event handler is executed when a form field has been modified.

2. (A) Answer the following (any two):

1. Define topology. List the types of topologies and state the advantages and disadvantages of any one of them.
2. List and explain various email protocols.
3. What is Cascading Style Sheet? Explain the font and color attribute of CSS with example.

(B) Answer the following (any two):

1. State the difference between LAN, WAN and MAN.
2. What is Telnet?
3. State the utility of the attributes ‘border-color’ and ‘text-align’ with respect to CSS.

3. (A) Answer the following (any two):

1. What are the different types of list offered by HTML? Explain any two of them.
2. Explain the <IMG> tag with attributes giving example.
3. Explain the <FORM> tag along with its elements like <INPUT>, <SELECT> and <TEXTAREA>.

(B) Answer the following (any two):

1. State the difference between cell padding and cell spacing.
2. Explain the <FONT> tag with example.
3. List the tags that are used to add sound to the web page.
4. (A) Do as directed:

1. Write the HTML code for the following:

\[ X_2 + Y_2 \]

intellectual
SINGING
dancing

\[ \text{culfest} \]

Days:
Traditional

Executive 92=81

ii Fashion Show

2. State the difference between container tags and empty tags.

(B) Do as directed:

1. Write the HTML code to generate the following list:

Schedule

3. Subjects
   a. English
      * Composition
      * Grammar
   b. Math’s
      o Addition
      o Subtraction

5. Extra Curricular Activities
   c. Sports
      i. Chess
      ii. Cricket
   d. Arts
      * Craft
      * Clay modeling

2. Explain the utility of <LINK> tag with example.
5. (A) Answer the following : (any two)

1. Explain the alert, prompt and confirm dialog box with example.
2. List the methods of the String object. Explain any three with example.
3. Explain the switch statement with example.

(B) Write the Java Script for the following : (any two)

1. To sort two arrays one that contains the names of the students and the other contains the marks of the student.
2. To display Good Morning, Good Afternoon, Good Evening depending upon the system time.
3. To find the factorial of a number.
FBCA-03

April-2007

Introduction to Internet and HTML Scripting

BCA – 105
(Old Course)

Time : 3 Hours
[Max. Marks : 50

Instructions : (1) Make necessary assumptions wherever required.
(2) Draw the diagram wherever required.

1. Attempt following (any ten) : (10)
   (1) Define extranet.
   (2) IMAP stands for _______.
   (3) Write four names of browsers.
   (4) MODEM is used for direct connection (T/F).
   (5) Define Veronica.
   (6) IP address is of 32 bits (T/F).
   (7) Explain Baud rate.
   (8) List four Mail protocols.
   (9) _____ is used for line break in HTML.
   (10) List four examples of ISP.
   (11) Define TCP/IP.
   (12) Give full forms of URL and HTTP.

2. A. Answer following (any two) (6)
   (1) What is network? Explain all types of network in detail. Also list topology of network.
   (2) Explain types of internet connection.
   (3) Explain VPN with diagram.
   (4) Write short note on Newsgroup.
B. Differentiate following (any two):
   (1) TCP/IP Account – Shell Account
   (2) Intranet – internet
   (3) EMAIL-Chatting

3. A. Explain <FORM> with all possible elements.

   OR

   A. Explain list with all its types with example.

   B. Explain following tags (any five):
      (1) IMG
      (2) TABLE
      (3) Anchor tag
      (4) BODY
      (5) TT
      (6) PRE

4. Answer following (any two):
   (1) Write short note on style sheet with all types in detail.
   (2) Explain all dialog boxes available in JavaScript in detail.
   (3) Write short note on Document Object Model.

5. Answer following (any five):
   (1) Discuss absolute and relative path.
   (2) Explain onLoad and onClick events in JavaScript.
   (3) Explain any two string handling functions in JavaScript.
(4) Explain window object with at least two methods.

(5) Write JavaScript function to display digital clock in text field.

(6) Explain <LAYER> with example.

(7) Give at least two differences between user initiated events and system initiated events.