Bachelor of Science (B.Sc. I.T.) Semester–I Examination
WEB TECHNOLOGY
Paper–IV

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1)   All questions are compulsory and carry equal marks.

(2)   Draw neat and labelled diagrams wherever necessary.

EITHER

1.   (a)   What is internet ? What are the requirements for connecting to internet ?   5

(b)   How do we protect our personal computer against unauthorized access ?   5

OR

(c)   What are web browsers ? Explain any two web browsers.   5

(d)   What are different types of computer crimes ? Explain.   5

EITHER

2.   (a)   Why do we use HTML ? Explain features of HTML.   5

(b)   Write HTML code to create a web page of pink colour and display a moving text "All the Best" in red colour.   5

OR

(c)   Explain the heading tag. How many heading tags are there in HTML ? Explain with example.
5

(d)   Write the output of following HTML code :

<HTML>

<HEAD><TITLE> List Element <ITITLE><IHEAD> <BODY>

<0l start = 1>

 B.Sc. (IT) Part I sem I <1li>

<ol start = a type = a>

 Fundamental of Information Technology <1li>

 C prog <1li>
 System Analysis Design <1li>

 Web Technology <1li>

 Multimedia Application Development <1li>

<lol>

 B.Sc. (IT) Part I sem II <1li>

<ol start = a   type = a>

 Fundamental of Digital Electronics <1li>

 C++ Prog <1li>

 Operating system <1li>

 Web programming <1li>

 Applied Mathematics <1li><lol><lol>

<lbody> <lHTML>   5

EITHER

3. (a) Explain form tag with attributes. Explain different form controls in detail. 5

   (b) What are elements of <Table> tag ? Explain with example. 5

   OR

   (c) What is DHTML ? Explain hidden message. 5

   (d) Explain embedding multimedia with example. 5

   EITHER

4. (a) Write a note on Java Script. Explain variables in Java Script. 5

   (b) Write a program in Java Script to check if the entered number is even or odd. 5

   OR

   (c) Discuss how will you set font color and background properties on a webpage using style sheet ? 5

   (d) Describe CSS. Explain embedded style sheet with example. 5

5. (a) Explain Digital certificate. 2½

   (b) Write the advantages and disadvantages of HTML. 2½

   (c) Explain how do you insert sound formats in HTML web page ? 2½

   (d) Describe the concept of array in Java Script. 2½