(i)   Printed Pages : 3   Roll No. ....

(ii)   Questions   : 7   Sub. Code : | 1 | 0 | 1 | 0 |
                                  Exam. Code : | 0 | 0 | 4 | 3 |

B.Sc. (Hons.) Bioinformatics 5th Sem.
(2122)
INTERNET PROGRAMMING
Paper : BIN–5001

Time Allowed : Three Hours]   [Maximum Marks : 60

Note :— Attempt **five** questions in all, including Question No. **1**
        which is compulsory and selecting at least **two** questions
        from each Unit.

1.   Attempt the following :

     (a)   What is URL ? What is the function of URL ?

     (b)   Define ordered list with an example.

     (c)   What is an applet ?

     (d)   What is Image Map ?

     (e)   What is the structure of JavaScript ?

     (f)   What are style sheets ?

     (g)   What is DHTML ? Explain.

     (h)   What are the benefits of JavaScript ?   8×1.5

UNIT—I

2. (a) Discuss in detail web server and proxy server.

   (b) Explain IP addressing. Also explain its significance for INTERNET.

   (c) Explain about the frames and floating frames in detail.

   3+4+5

3. (a) Develop an HTML document which displays your name as an <h1> heading and displays the name of any four of your friends. Each of your friend's names must be a hot text. When you click a friend's name, it must open another HTML document, which tells about your friend.

   (b) Explain the following HTML tags with all attributes :

   (i) <a>

   (ii) <body>

   (iii) <img>

   (iv) <table>

   4+8

4. (a) Explain how you will add audio and video in HTML page with example.

   (b) What is Cascading Style Sheet ? Explain various types of Style Sheets with example.

   5+7

UNIT—II

5. (a) Explain conditional loops in JavaScript.

   (b) Write a JavaScript, which takes two numbers through textbox. Display multiplication of it in another textbox on clicking on button.

   (c) What is the use of confirmation box ? Write a script to demonstrate it. 4+4+4

6. (a) Explain Password, Radio and Checkbox JavaScript objects in detail.

   (b) Write a short note on Image mask and Blur filter.

   (c) Explain difference between server-side script and client-side script. 6+3+3

7. (a) Discuss event handling in JavaScript.

   (b) Explain at least 8 event handlers in detail. 4+8