Bachelor of Science (B.Sc. I.T.) (Semester–II) Examination
WEB PROGRAMMING
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) Explain the requirements for connecting to the Internet.   5

(b) What is Search engine? Explain different categories of search engine.   5

OR

(c) Write note on :

(i) Web browsers

(ii) Web Server.   5

(d) Explain working with E-mail in detail.   5

EITHER

2. (a) What are variables? Explain Local and Global variables in Java Script with an example.   5

(b) Explain sorting of arrays with suitable example.   5

OR

(c) Explain the following terms :

(i) Button

(ii) Checkboxes

(iii) Text fields

(iv) Text area

(v) Radio Button.   5

(d) What is Event? Explain Event handling in javascript.   5

EITHER

3. (a) Write a note on Document Object Model (DOM).   5

(b) What is Session? Explain how to store information in the session object.   5

OR

    (c)   Explain FSO (File System Object) in detail.   5

    (d)   How to access database using ASP? Explain.   5

EITHER

4.   (a)   Explain how to interchange data with an XML document.   5

    (b)   Describe JSP directives in detail. Give its advantages.   5

OR

    (c)   Explain advantages of integrating JSP & XML in detail.   5

    (d)   What is custom tag? Explain JSP custom tag API.   5

5.   Attempt all :

    (a)   Write note on URL.   2½

    (b)   Explain Textfield and Textarea in java script with an example.   2½

    (c)   Discuss DOM as an XML processor.   2½

    (d)   Give note on : Three attributes of page directive in JSP.   2½