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 diagram wherever necessary.

EITHER

1.   (a)   Explain the requirements for connecting to the Internet.   5

(b)   What are different categories of search engines ? Explain any two of them.   5

OR

(c)   Explain internet users and its working in detail.   5

(d)   What is web browser ? Explain different types of web browser.   5

EITHER

2.   (a)   What is variable ? Explain local and global variables in Java Script with example.   5

(b)   Explain sorting of array with example.   5

OR

(c)   Define recursion. Write a Java Script to calculate factorial of a number using recursion.   5

(d)   What is event ? Explain different mouse events in detail.   5

EITHER

3.   (a)   Explain document object model in detail.   5

(b)   What is ASP ? Explain accessing databases using ASP.   5

OR

(c)   Explain XML schema in detail.   5

(d)   How to store information in the session object ? Explain.   5

EITHER

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

(b)   Write advantages of integrating JSP and XML.   5

OR

(c)   Write a program code in XML which displays on XML document.   5

(d)   Explain architecture of JSP application.   5

5.   (a)   Write short note on URL.   2½

(b)   Explain any two looping statement in Java Script.   2½

(c)   Write a note on 'SAX in XML processor'.   2½

(d)   Explain JSP Directives in short.   2½