

**Bachelor of Science (B.Sc.I.T.) Semester—II (C.B.S.) Examination**

**WEB PROGRAMMING**

**Paper—IV**

Time : Three Hours]

[Maximum Marks : 50

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

(2) Draw neat and well labelled diagram wherever necessary.

**EITHER**

1. (A) What is Internet ? Write a short note on Internet users and its working. 5
- (B) Write notes on the following :
- (i) Web browsers
- (ii) Web servers. 5

**OR**

- (C) What is search engine ? Give its categories in detail. 5
- (D) Explain e-mail in detail. Give its advantages and disadvantages. 5

**EITHER**

2. (A) What is Java Script ? Explain. Explain the operators used in Java Script. 5
- (B) Write a Java Script using data object and string object. 5

**OR**

- (C) Write a short note on images and animation. 5
- (D) Write a program in Java Script which uses a function to add two numbers passed as parameters to it and display the result. 5

**EITHER**

3. (A) What are Active Server Pages (ASP) ? Explain its working. 5
- (B) Write notes on the following :
- (i) Session tracking
- (ii) Cookies. 5

**OR**

(C) What is XML ? Explain XML schemas. 5

(D) Explain XML processors. Give its advantages and disadvantages. 5

**EITHER**

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

(B) Give the advantages of integrating ASP and XML. 5

**OR**

(C) What is JSP ? Explain scripting standard actions. 5

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

5. Attempt **all** :

(A) Explain HTTP and URL. 2½

(B) What is Recursion ? Give its syntax in Java Script. 2½

(C) Discuss DOM as an XML processor. 2½

(D) Give the advantages of JSP. 2½