

TKN/KS/16/6004

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

WEB PROGRAMMING

Paper—IV

Time : Three Hours]

[Maximum Marks : 50

Note :— (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) Discuss any two search engines. 5

OR

- (c) Write a note on World Wide Web (WWW). 5
- (d) Explain parts of an E-mail text with an example. 5

EITHER

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

- (b) What is an Array ? Write a Java Script code to sort the elements of a string array. 5

OR

- (c) What do you mean by Recursion ? Write a Java Script to calculate factorial of a number using recursion. 5
- (d) What is Event ? Explain different Mouse Events in brief. 5

EITHER

3. (a) Explain the structure of an ASP application, with suitable example. 5
- (b) Write a note on XML schemas. 5

OR

- (c) What is Session ? Explain, how to store information in the session object ? 5
- (d) Write a note on Document object model. 5

EITHER

4. (a) Explain, how to interchange data with an XML document. 5
- (b) Explain :
- (i) Include directive
- (ii) Taglib directive. 5

OR

- (c) State the advantages of Integrating ASP and XML. 5
- (d) How will you create and use custom tags in JSP ? 5

5. (a) Write a note on URL. 2½
- (b) Explain Textfield and Textarea in Java Script with an example. 2½
- (c) List and give the purpose of ASP objects. 2½
- (d) Explain any three attributes of page directive in JSP. 2½