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

(ii)   **Questions   : 9**   **Sub. Code :** | 1 | 3 | 4 | 0 | 1 |

Exam. Code : | 5 | 0 | 4 | 1 |

Bachelor of Computer Application (FYUP) 1ˢᵗ Semester
(2124)

INTRODUCTION TO WEB TECHNOLOGIES

Paper : BCA101

Time Allowed : Three Hours]   **[Maximum Marks : 45**

Note :— Attempt **FIVE** questions in all by selecting **ONE** question from each unit. Entire Question No. **9** is compulsory.

UNIT—I

1.   (a)   Define terms – Internet, Intranet and Extranet and their relation to each other.

     (b)   Explain the tags used to add an image in a Web document. Also explain the main attributes which are used for enhancing Image appearance.   5,4

2.   (a)   Create a Web Page which includes ordered, unordered and definition Lists. Explain the tags and attributes used to customize these Lists.

     (b)   How are Tables added to a Web Page ? Consider any suitable example to add a Table of 2 × 3 size.   5,4

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UNIT—II

3. (a) How are Links created in a Web page for internal and external document references ?

   (b) Explain various tags and their attributes used for creating Frames. 5,4

4. (a) Describe the various parts of a CSS rule. Describe the use of Internal CSS.

   (b) Create a form that asks for clientname (TextBox), address (Text Area), gender (Radio Buttons), e-mail (TextBox), and hobbies (Check Boxes) from a user. Also use Submit and Reset Buttons. 5,4

UNIT—III

5. (a) Explain various Data Types used in JavaScript.

   (b) Explain any two Looping constructs used in JavaScript with the help of examples. 5,4

6. (a) How are Arrays created and used in JavaScript ? Describe commonly used array functions.

   (b) Write short note on the Math and Date built-in objects used in JavaScript. 5,4

UNIT—IV

7. (a) Explain main features and workspace Layout of Dreamweaver.

   (b) How can Text Formatting be done in a Web Page using Dreamweaver ?   5,4

8. (a) Write steps to insert Tables in a Web Page using Dreamweaver.

   (b) How are new pages added to a Web Site using Dreamweaver ?   5,4

(Entire Question is Compulsory)

9. Write short answers :

   (i) Name any four Web Browsers.

   (ii) Name any two attributes of a Web Page that can be changed with Body Tag.

   (iii) Differentiate between Style Tag and Style Attribute.

   (iv) What does "2" + 4 + 8 evaluate to using JavaScript rules ?

   (v) Describe Design view of Dreamweaver. $4 \times 2 + 1 = 9$