

[Total No. of (i) Printed Pages 4 (ii) Questions 9]

**Sub Code : 0558 (1048) Exam Code : 0006**

**Exam : B.A./B.Sc.(General) 6th Semester**

**Subject : Computer Science(In all Mediums)**

**Paper : A06 : Web Programming**

**Time : 3 Hours**

**Maximum Marks : 65**

**Note:** Attempt **five** question in **all** by selecting **one** question from each **section**. Entire Question Number **9** is **compulsory**.

### **SECTION - A**

1. (a) What is WWW ? Describe its evolution and future ?  
(b) Describe various types of lists. Create a web page which defines the term Web Browser and Web Server using lists. 6,7
2. (a) What is a hyperlink ? How are they inserted in a webpage ? Explain with the help of an example.  
(b) How can images be inserted in a web document ? Explain the tags and their attributes used for it. 6,7

**SECTION - B**

3. (a) How do you create tables in a webpage ? Discuss various attributes for it. What are the benefits of using Tables ?
- (b) Create a web page containing a Form where a user can submit his name, address, gender, age, reading and swimming hobbies. Use textboxes for name, age and address, use radio buttons for Gender and checkboxes for hobbies.

6,7

4. (a) What do you mean by CSS ? Discuss any two ways of its implementation.
- (b) How are layers used in a web page ? Explain with examples.

6,7

**SECTION - C**

5. (a) How can you move elements and images in a web page ? Give example.
- (b) How do you embed Java Script in a web page ? Write a script which takes three values (i.e. day, month, year) and display them in dd/mm/yy format in an alert box.

6, 7



6. (a) How are functions defined and called in Java Script ? Write a script to accept a number from the user and display message whether it is even or odd ?
- (b) How are arrays created and used in Java Script ? Create an array of students, store five values in it and display values separated by a comma. 6,7

### SECTION - D

7. (a) Differentiate between source code and byte code. Also explain the role of Java Virtual machine to achieve architecture neutrality.
- (b) Write uses, syntax and examples of various control constructs available in Java. 6,7
8. (a) Explain the concept of Base class and Derived Class in Java using different types of inheritance.
- (b) Write a program in Java to calculate factorial of a number N. 6,7

**SECTION - E****(Compulsory)**

9. Write short answers :  $6 \times 2 + 1 = 13$

- (i) Name two methods that are used to access Internet.
- (ii) How can you insert background image in a web page ?
- (iii) Do all HTML tags come in pair ? Give examples.
- (iv) How is Java Script embedded in an HTML document ?
- (v) Name and describe the data types used in Java Script.
- (vi) What is JVM ?
- (vii) How are comments given in Java ?