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

(ii) Questions   : 9   **Sub. Code :** 8 6 9 1

                          Exam. Code : 1 2 2 0

PGDCA 2nd Semester

(2042)

WEB TECHNOLOGY

Paper : PGD-2102

Time Allowed : Three Hours]   **[Maximum Marks : 60**

Note :— Attempt **FIVE** questions in all by selecting **ONE** question from each section. Entire Question Number **IX** is compulsory.

SECTION—A

I.   (a) Explain the meaning of each alphabet in HTML. Explain any four formatting tags.

     (b) What is the role of Frames in a webpage ? Explain the tags and attributes used for creating Frames.   6,6

II. (a) Design a Registration Form having Text field for Name, Multi-Line area for Address, and Radio buttons for Gender. Describe all the tags used in making it.

     (b) What is CSS ? How are they used in changing font, text size and line height ? Give examples.   6,6

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SECTION—B

III. (a) Explain the use of looping constructs in JavaScript. Give examples.

(b) How do you embed JavaScript in a Web page ? Also write a script which takes values of day, month and year and displays them in mm-dd-yyyy format using an alert box. 6,6

IV. (a) What is Event Handling in JavaScript ? How are mouse events handled in JavaScript ?

(b) What is a function ? Where and how is it defined and called ? Write a script to accept a number from the user and find its factorial using functions. 6,6

SECTION—C

V. (a) Explain briefly about PHP Operators and their use in expressions. Also explain the operator precedence and associativity in PHP.

(b) Write briefly about file inclusion statements. 6,6

VI. (a) How are functions defined in PHP ? Write a function to swap two values using call by reference method.

(b) Explain any three Strings related Library functions. Give suitable examples also. 6,6

SECTION—D

VII. (a) Explain various types of arrays available in PHP with the help of examples. Also write code in PHP that accepts N names of students from the user and displays them using Arrays.

    (b) Explain the use of each() and foreach() with associative arrays.   **6,6**

VIII.(a) Explain the syntax and usage of any four functions used with files in PHP. Consider any suitable example to show their usage.

    (b) How can user input be imported and accessed in PHP ? Give examples.   **6,6**

Entire Question is Compulsory

IX. Write short answers :—

    (i) Explain the use of <BR> and <P> tags.

    (ii) How do symbols "==" and "===" differ in JavaScript ?

    (iii) Describe the use of eval() in JavaScript. Give example.

    (iv) Describe the two attributes used with <Form>.

    (v) Describe the use of Super Global Array.

    (vi) What is Recursive Function ?   **6×2=12**