[Time: 2 Hours] [Marks : 60]

Please check whether you have got the right question paper.

N.B: 1. All questions are compulsory
2. Figurs to the right indicate marks.
3. Illustartation in-depth answers and diagrams will be appeciated.
4. Mixing of sub-questions is not allowed

Q.1   **Attempt the following (Any Four)**

A. What is the main purpose of using tables in a web page ? explain <table> tag.   03

B. Explain the various structures used for diagramming the website.   03

C. Explain window object along with its properties and methods.   03

D. Illustrate any two functions used in PHP to collect values from the web form.   03

E. Explain the need of Ajax and its two applications   03

F. Explain the importance of highlighting text , when text changes in Ajax.   03

Q.2   **Attempt the following (Any three)**

A. Write the HTML code to generate the following output in a list :-   04

   i.   I just bought the book **'HTML Beginner's Guide'** on CD.

   ii.   Today is Wednesday, April 19th

   iii. $(a+b)^2 = a^2 + 2ab + b^2$

   iv.   **HTML,** is the universal markup language for the Web.

B. Explain <select>and<option> tags in HTML.   04

C. Write down the conditions to be considered while designing for a specific medium. 04

D. What are the different roles in the website development team?   04

Q.3   **Attempt the following (Any three)**

A. Write a note on the different types of operators in JavaScript.   04

B. Discuss any 4 event handlers in JavaScript with examples.   04

C. What is regular Expression? Explain any two pattern matching strings used in JavaScript.   04

D. Write a note on the following methods of the History object?   04

   i.   Back()

   ii.   Forward()

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Q.4   **Attempt the following (Any three)**

    A. How is Ajax useful to the users and developers?   04

    B. Write the different ways in which you can create an XMLHttpRequest object for 04 different browsres.

    C. Explain any two methods of XMLHttpRequest object.   04

    D. Illustrate the loops in PHP with code snippets.   04

Q.5   **Attempt the following (Any three)**

    A. How to read an XML file with Ajax?   04

    B. Explain with an example, how to sidestep a browser's cache.   04

    C. Illustrate with code how to hide and unhide menu items using Ajax.   04

    D. what are the popular style properties that can be used to set color and 04 background in Ajax.

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