Note : 1) All Questions are compulsory.
        2) Figures to right indicate marks.

Q.1   Attempt All (Each of 5 marks)   (15)
         A)Multiple choice Questions.   (05)
         i) _____ is an identifier which is used to store a value.
         a) keyword   b) variable   c) operator   d) datatype

         ii) The tag used to create a clientside image map
         a) <MAP>   b) USEMAP   c) <LINK>   d) None of these

         iii) In PHP language variables start with _____
         a) Var   b) $ (DOLLAR)   c) ?   d) #

         iv) _____ metacharacter is used for white space character in regular expression.
         a) \s   b) \w   c)\d   d) \b

         v) jQuery is a _____
         a) JavaScript Library   b) JavaScript Language
         c) JavaScript method   d) PHP method.

         B) Fill in the blanks
         (<h1>, _self, RegExp, <h6>, eXtensible Markup Language, clientside)
         i) XML stands for _____   (05)
         ii) Target attribute _____ is used to display response in same frame.
         iii)The _____object is a regular expression object with predefined properties and
             methods.
         iv) JavaScript is often used for _____ validation.
         v) _____is the tag that is used for smallest size heading.

         C. Write Answers in two lines.   (05)
         i) What is difference between ordered list and unordered list.
         ii) Explain href attribute in <a> tag..
         iii) What is the meaning of selectors in jQuery.
         iv) What is DTD in XML?
         v) List any four data types supported in JavaScript.

Q.2.   Answer the following (Any three)   (15)
         a) What is Stylesheet? List its types. Explain one with an example.
         b) How to insert Audio file on the webpage in HTML.
         c) Explain the following HTML 5 tags with an example.
         i) <img>   ii) <div>   iii) <span>   iv) <title>   v) <head>
         d) Write a note on CSS properties for positioning an element.
         e) Explain how to create table in HTML with example.
         f) Write an HTML code for the following :-

Name	Marks		Grade
	Theory	Practical	
A	70	78	A
B	50	60	B

Q.3.   Answer the following (Any three)   (15)
         a) Explain JavaScript String object in detail.

         b) Discuss how to define and invoke functions in JavaScript.

         c) Write a short note on Document Object Model (DOM)

         d) Write a JavaScript code for calculating factorial.

         e) What is XSLT? Explain how it works.

         f) Explain following elements w.r.t XSLT with example.

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

a) Explain following functions w.r.t database handling in PHP
i) mysql_connect()   ii) mysql_query()   iii) mysql_close()
iv) mysql_select_db()   v) mysql_fetch_array()

b) Explain some of the effects that can be applied on html elements using Jquery.

c) Explain AJAX Web Application Model.

d) Write a note on XMLHttpRequest object.

e) Explain do- while loop in PHP with example.

f) Write a note on session in PHP.

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

a. What is form? List some of its controls.

b. Discuss various types of Operators available in JavaScript with suitable examples.

c. Discuss structure of XML Document with example.

d. What is $() factory function in jQuery.

e. How to create a text file in PHP. What are the modes in which a file can be opened?

f) Write a short note on Math Object in JavaScript.

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