

Date: 11.10.2019

Time : (2 ½ Hours)

Total Marks: 75

- N.B. (1) All questions are compulsory.
(2) Figures to the right indicate marks for respective sub questions.
(3) Illustrations, in-depth answers and diagrams will be appreciated.
(4) Mixing of sub-questions is not allowed.

Q.1) Attempt All (Each of 5 Marks)

(a) Multiple Choice Questions.

(5)

- (i) The tag used to create a hypertext relationship between current document and another URL is
(a) <INDEX> (b) <A>
(c) <LINK> (d) None of these
- (ii) The global object constructor for strings or a sequence of characters.
(a) String (b) RegExpClass
(c) RegExp (d) StringExp
- (iii) HTML web pages can be read and rendered by _____
(a) Server (b) Web Browser
(c) Interpreter (d) Client
- (iv) If the image cannot be displayed then _____ specifies an alternate text for an image.
(a) text attribute (b) caption attribute
(c) value attribute (d) alt attribute
- (v) The attribute of <form> tag is _____
(a) Method (b) Action
(c) Both a & b (d) None of these

(b) Answer in One Sentence

(5)

- (i) What do you mean by CSS?
(ii) What is difference between ordered list and unordered list?
(iii) Give use of <select> tag
(iv) What is XML Element?
(v) Give importance of Location object in Javascript.

(c) Fill in the blanks :

(5)

(cell padding,css, cellpadding, opening new document, client side, Asynchronous JavaScript and XML,\$(Doller,)

- (i) JavaScript is _____ scripting language.
(ii) Target attribute is used for _____
(iii) AJAX stands for _____.
(iv) In PHP language, variable starts with _____.
(v) _____ attribute used in <table> element sets the width, in pixels, between the edge of a cell and its content.

Q.2) Attempt **any THREE** of the following. **(15)**

- (i) Explain any five text formatting tags in HTML5.
- (ii) List Stylesheet types. Explain any ONE with an example.
- (iii) Write HTML code to generate a form accepting the user last name (textfield) , contact number(textfield), gender (radiobutton), hobbies (checkbox), country (dropdown) and buttons for resetting and submitting the form
- (iv) What is image map? Explain client side image map with example
- (v) Explain with an example properties used to set the font style of the text in HTML5.
- (vi) Write HTML code to create below table.

	Average Marks		Aggregated Average Marks
	Theory	Practicals	
Male Students	70	78	74 %
Female Students	80	81	80.5%

Q.3) Attempt **any THREE** of the following. **(15)**

- (i) What is the use of Navigator object in JavaScript with its methods?
- (ii) What is XML? Discuss its any four features.
- (iii) Describe Document Object Model with diagram.
- (iv) Explain Window Object with its methods.
- (v) What is DTD? Explain how to create and use External DTD.
- (vi) Write a JavaScript code to input a number from user into variable n, display table of factorials up to n.

Q.4) Attempt **any THREE** of the following. **(15)**

- (i) What is the use of XMLHttpRequest object? Explain any two methods and two properties of it.
- (ii) Write a program in Ajax to display the last access date of a text file.
- (iii) Give if structures in PHP. Explain with an example.
- (iv) What is a PHP session? How to start, get, modify and destroy a PHP session? Give example.
- (v) Which are the methods for creating animation effects in jQuery? Explain any two methods with example.
- (vi) Diagrammatically explain AJAX Web Application Model.

Q 5) Attempt **any THREE** of the following. **(15)**

- (i) What is the use of the following CSS selectors? Explain with example:-
i. .class ii. #id
- (ii) Write a PHP code to create an array of five student names and display its values using for-each loop
- (iii) What is the purpose of audio and video tags in HTML5? Give example
- (iv) List types of PHP operators. Explain any two.
- (v) What do you mean by valid and well-formed XML document.
