Internal Assessment (Assignment)

Course Code: OMC101   **Last Date of Submission:** 05-Dec-2023

Course Title: Full Stack Development   **Assignment Marks**: 30

Assignment No.: 1

Note:

1. The assignment has two parts: **A** and **B**.

2. Part A has ten MCQs carrying one mark each. Answer **ALL** ten MCQs.

3. Part B has eight descriptive questions carrying four marks each. Attempt **any FIVE** questions out of eight.

4. Assignment should be submitted in hand-written form only.

Part A	(10 × 1 = 10 Marks)

Answer **all questions** from Q. No. **A1** to **A10**

Q. No.	Question Statement	Course Outcome
A1	The _____element that defines the root of an XHTML document.	CO-1
Answer Choices:	a. <body> b. <!DOCTYPE> c. <html> d. <head>	
A2	The XHTML markup elements which do not enclose any content and do not have a closing tag are called _____.	CO-1
Answer Choices:	a. Open elements b. Containing elements c. Blank elements d. Empty Elements	
A3	The use of <div> and <span> in XHTML is _____.	CO-1
Answer Choices:	a. <div> is used for images, while <span> is used for hyperlinks b. <div> is used to create tables, while <span> is used for creating spaces c. <div> is used for block-level elements, while <span> is used for inline elements d. <div> is used for formatting text, while <span> is used for structuring layouts.	

A4	The <input type=_____ > in an XHTML form is used to mask the input entered by a user.	CO-1
Answer Choices:	a. "text" b. "password" c. "placeholder" d. "textarea"	
A5	The difference between "Radio Buttons" and "Checkboxes" in XHTML is _____.	CO-1
Answer Choices:	a. Radio buttons allow only one selection, and checkboxes allow multiple. b. Radio buttons allow multiple selections, and Checkboxes allow only one. c. Radio buttons do not have a drop-down, and Checkboxes have a drop-down. d. Radio buttons can be used in forms, Checkboxes cannot be used	
A6	The attributes "rows" and "cols" is used with _____ element in XHTML form.	CO-1
Answer Choices:	a. <input> b. <textarea> c. <select> d. <table>	
A7	The element that is used for creating a drop-down list in XHTML is _____.	CO-1
Answer Choices:	a. <select> b. <dropdown> c. <menu> d. <input>	
A8	The CSS property that is used to change the color of text is _____.	CO-1
Answer Choices:	a. color b. text-style c. text-color d. font-color	
A9	Which of the following CSS selector is used to specify a rule to bind a particular unique element?	CO-1
Answer Choices:	a. tag b. id c. class d. both class and tag	

A10	Which of the following is the correct syntax to link an external style sheet in the HTML file?	CO-1
Answer Choices:	a. <link rel="stylesheet" href="style.css" /> b. <link rel="stylesheet" src="style.css" /> c. <style rel="stylesheet" src="style.css" /> d. <style rel="stylesheet" link="style.css" />	

Part B   (5 × 4 = 20 Marks)

Attempt **ANY FIVE** questions from Q. No. **B1 to B8.**

Q. No.	Question	Course Outcome
B1	a. List the differences between HTML and XHTML. [1 mark] b. Explain the standard structure of XHTML document with an example. [1 mark] c. Discuss the use of Hyperlinks in XHTML with suitable examples [2 marks]	CO-1
B2	a. Explain with examples different type of lists in XHTML. [1 mark] b. Explain the following concerning tables in XHTML with suitable examples. [1.5 marks] • cellpadding and cellspacing • align and valign • rowspan and colspan c. Write the XHTML code for creating the following table: [1.5 marks] | One	Two		Three | |---|---|---|---| |	Four		Five | | Six	Seven		| | Eight	Nine		Ten		CO-1
B3	a. Explain the following w.r.t forms in XHTML [2 marks] • Textboxes and password elements • Textarea elements • Radio buttons • Checkboxes • Drop-down menu • Submit and Reset buttons b. Design a registration form for registration of participants in Quiz competitions held by "Graphic Era University". [Use textbox, textarea, radio buttons, checkboxes, drop-down menu, submit and reset buttons, and the required controls to design the form] [2 marks]	CO-1

B4	What is a selector in CSS? List and explain the different types of selectors with appropriate examples for each [4 marks]	CO-1
B5	a. Explain the levels of CSS with examples for each. [2 marks] b. Explain the rules of precedence w.r.t inline, internal, and external levels of styles in CSS. [2 marks]	CO-1

B6	a. Explain two different ways of referencing External Stylesheets in XHTML document using suitable examples. Reframe the example. [2 marks]
	 b. Write XHTML and CSS code for the following: [2 marks]
	   i. Set the list style for unordered lists to "square".
	   ii. Set "geulogo.jpg" as the background image of the page.
		CO-1

B7	a. What is CSS Box Model? Explain the components of the CSS Box Model with a neat diagram. [2 marks]
	 b. Explain the following CSS Box Model properties with suitable examples. [2 marks]
	   • Border
	   • Padding
	   • Margin
		CO-1

B8	Explain how the Background images can be displayed and the properties used with them with suitable examples. [4 marks]	CO-1

Course Outcomes:

CO-1. Describe the use of XHTML tags, and CSS for developing presentable web pages. [L-2]

CO-2. Develop dynamic web pages by applying event-handling mechanisms using JavaScript. [L-5]

CO-3. Develop web pages using cookies, sessions, and databases in PHP. [L-5]

CO-4. Describe the concepts of MERN stack used in Full Stack Development and the features and components of ReactJS. [L-2]

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