

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:	<ul style="list-style-type: none">a. <body>b. <!DOCTYPE><input checked="" type="checkbox"/> 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:	<ul style="list-style-type: none">a. Open elementsb. Containing elementsc. Blank elements<input checked="" type="checkbox"/> d. Empty Elements	
A3	The use of <div> and in XHTML is _____.	CO-1
Answer Choices:	<ul style="list-style-type: none">a. <div> is used for images, while is used for hyperlinksb. <div> is used to create tables, while is used for creating spaces<input checked="" type="checkbox"/> c. <div> is used for block-level elements, while is used for inline elementsd. <div> is used for formatting text, while 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:	<ul style="list-style-type: none"> a. "text" <input checked="" type="checkbox"/> b. "password" c. "placeholder" d. "textarea" 	
A5	The difference between "Radio Buttons" and "Checkboxes" in XHTML is _____.	CO-1
Answer Choices:	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> 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:	<ul style="list-style-type: none"> a. <input> <input checked="" type="checkbox"/> 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:	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> 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:	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> 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:	<ul style="list-style-type: none"> a. tag <input checked="" type="checkbox"/> 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:	<p>a. <input checked="" type="checkbox"/> <link rel="stylesheet" href="style.css" /></p> <p>b. <link rel="stylesheet" src="style.css" /></p> <p>c. <style rel="stylesheet" src="style.css" /></p> <p>d. <style rel="stylesheet" link="style.css" /></p>	

Part B (5 × 4 = 20 Marks)

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

Q. No.	Question	Course Outcome															
B1	<p>a. List the differences between HTML and XHTML. [1 mark]</p> <p>b. Explain the standard structure of XHTML document with an example. [1 mark]</p> <p>c. Discuss the use of Hyperlinks in XHTML with suitable examples [2 marks]</p>	CO-1															
B2	<p>a. Explain with examples different type of lists in XHTML. [1 mark]</p> <p>b. Explain the following concerning tables in XHTML with suitable examples. [1.5 marks]</p> <ul style="list-style-type: none">• cellpadding and cellspacing• align and valign• rowspan and colspan <p>c. Write the XHTML code for creating the following table: [1.5 marks]</p> <table><tr><td>One</td><td>Two</td><td></td><td>Three</td></tr><tr><td></td><td>Four</td><td></td><td rowspan="2">Five</td></tr><tr><td>Six</td><td>Seven</td><td></td></tr><tr><td>Eight</td><td>Nine</td><td></td><td>Ten</td></tr></table>	One	Two		Three		Four		Five	Six	Seven		Eight	Nine		Ten	CO-1
One	Two		Three														
	Four		Five														
Six	Seven																
Eight	Nine		Ten														
B3	<p>a. Explain the following w.r.t forms in XHTML [2 marks]</p> <ul style="list-style-type: none">• Textboxes and password elements• Textarea elements• Radio buttons• Checkboxes• Drop-down menu• Submit and Reset buttons <p>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]</p>	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] <ol style="list-style-type: none"> Set the list style for unordered lists to "square". 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] <ul style="list-style-type: none"> 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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