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Daffodil International University

Faculty of Science & Information Technology

Department of Software Engineering

Midterm Examination, Fall-2025

Course Code: SE 235 Course Title: Desktop and Web Programming

Sections & Teachers:42 (A, B, C, D, E, F, G, H, I, J) (MHN, PAS, AG, IJC, ZNM)

Time: 1:30 Hours **Marks**: 25

Answer ALL Questions

[The figures in the right margin indicate the full marks and corresponding course outcomes. All portions of each question must be answered sequentially.]

1.	*a)*	While making a registration form for the members of the computer club, Samin was facing difficulty to properly align all the elements of the form. Then Medha suggested him to use a table to structure the form. **Structure** an HTML registration form for computer club members using a table layout. The form should include: a) Name b) Phone number c) Date of birth d) Gender (radio buttons) e) Department (dropdown) f) Self-introduction (textarea) g) Areas of interest (checkboxes) h) Submit button.	[Marks-5]	CLO-2 Level-4
2.	*a)*	**Elaborate** specificity and cascading in CSS with necessary example in context of responsive layout.	[Marks-5]	CLO-1 Level-2
	b)	You are developing a small web tool for *Matrix agents* to verify secret codes. Each agent enters a code — for example: "neoTheOne" **Interpret** a JavaScript program that: I. Takes the agent's code as input. II. Checks the length of the code. III. Displays a message in the console: ○ If the code is less than 5 characters, show: "Code too short" ○ If the code is 5 to 10 characters, show: "Code accepted" ○ If the code is more than 10 characters, show: "Code too long" Example Output: Input: "neo" Output: "Code too short" Input: "neoTheOne" Output: "Code accepted" Input: "NeoTheOne123" Output: "Code too long"	[Marks-5]	

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3.	*a)*	<body> The Matrix Fan Registration <form> <label for="name">Name:</label> <input type="text" id="name" name="name"> <label for="quote">Favorite Quote:</label> <input type="text" id="highlight" name="quote"> <label for="email">Email:</label> <input type="email" id="email" name="email"> <button type="submit">Enter the Matrix</button> </form> Created by The Wachowskis </body> **Blueprint** the web page that meets following design criteria: I. Apply a dark background and light text to the entire page. II. Give the "Favorite Quote" input field a glowing green border. III. Style the "Created by" text in light blue and italic. IV. When hovering over the submit button, change its background to bright green and text to black. V. the first letter of the heading larger and neon green.	[Marks-10]	CLO-2 Level-4

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