



Daffodil International University
Faculty of Science & Information Technology
Department of Software Engineering
Midterm Examination, Summer 2026

Course Code: SE 235 Course Title: Desktop and Web Programming
Sections & Teachers: 43 { A, B, O(PC), C, D, E(TT), F, G(KM), H(SAC), I(SS), K, L(RUA), J, M, N(PS) }

Time: 1 Hour 30 Mins

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) Explain how an HTML page for FIFA World Cup 2026 Fan Registration Form can be structured using suitable HTML tags containing • A heading displaying "FIFA World Cup 2026 Fan Portal" • A form containing: ◦ Fan Name (text input) ◦ Password (password input) ◦ Favorite Team (dropdown list, use four teams as select options) ◦ Upload Supporter Photo (file input) ◦ Submit button	5	CLO -1 Level -2 ④
	<pre>body { background: #1a1a2e; color: #ffffff; } h1 { color: gold; text-align: center; } .form-section { padding: 20px; margin: 10px; border: 2px solid gold; } input[type="text"] { background: white; color: black; } #title { font-size: 2em; } .highlight { color: gold; } a:hover { color: red; text-decoration: underline; } input[type="submit"] { background: green; color: white; padding: 8px 16px; }</pre>	3	③
	b) Identify the type of CSS selector used for each rule in the snippet (e.g., element, class, id, attribute, pseudo-class). Then describe the specificity score for highlight and #title. Which one wins if both target the same element?		②
	c) Draw the CSS Box Model diagram and label all four areas. explain what each property (padding, margin, border) does visually on the web page.	2	

2	<pre> <html> <body> <form id="form" action="https://swe43.com/test" method="post"> <div> <div>Hello World</div> Student ID: <input type="text" name="student_id"> Favorite World Cup Team: <input type="text" name="favourite-team"> <input type="submit" value="Submit"> </div> </form> </body> </html> </pre>		CLO -2 Level -4																
✓ a)	Explain the concept of client server architecture.	3	③																
✓ b)	Infer the necessary JavaScript from the given HTML document to replace: - "Hello World" with "Hello Earth", - Change the "type" attribute of the input element with the name "favourite-team". Turn it into a password.	4	③																
✓ c)	Analyze what form data would be submitted to the server if the input element with the name attribute "student_id" is changed to "sid" in the given HTML code. Clearly explain the effect of this change on the submitted form data.	3	②																
	<table border="1"> <thead> <tr> <th>Day</th><th>9:00 PM</th><th>11:00 PM</th><th>12:00 PM</th></tr> </thead> <tbody> <tr> <td>Sunday</td><td>Web Tech</td><td>No Class</td><td></td></tr> <tr> <td>Monday</td><td>No Class</td><td></td><td>OS Lab</td></tr> <tr> <td colspan="4">Spring 2025 - SWE DIU Schedule</td></tr> </tbody> </table>	Day	9:00 PM	11:00 PM	12:00 PM	Sunday	Web Tech	No Class		Monday	No Class		OS Lab	Spring 2025 - SWE DIU Schedule				5	⑤
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✓ d)	Write HTML code that reproduces the table exactly.																		