



Daffodil International University
Department of Software Engineering
Faculty of Science & Information Technology
Midterm Examination, Summer-2025


Course Code: SE 321; Course Title: Software Engineering Web Application
Sections: A,B,C,D,E,F,G,H,I & Teachers: PAS,DB,MI,MMM,AG,AAM,AMR

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)	You are developing a global food delivery web application that must perform well across devices, support user preferences, and allow fast menu and pricing updates. ✓ Figure out the key software quality attributes that would make this application both reliable and user-friendly. ✓	[Marks-5]	CLO-2 Level-3
	b)	Demonstrate with HTML form examples how 'GET' is used for product search and 'POST' for user login.	[Marks-5]	
2.	a)	After years of hard work, you finally reach the final interview at Meta . Suddenly, the panel informs you the Facebook sign-up page is broken —and it's your task to fix it. This is your moment to shine, to stay calm under pressure and prove your skills. Now, 	[Marks-10]	CLO-3 Level-6
		Develop a responsive web page using HTML and CSS that accurately replicates the layout and design depicted in the provided image.		
3.	a)	Develop a JavaScript function processAndConcat(arg1, arg2) that takes two strings (str1, str2) as arguments, trim leading and trailing spaces, convert str1 to uppercase, str2 to lowercase, replace all internal spaces in both strings with underscores _ , then concatenate them with a hyphen - . Sample Input: " Hello World" " GOOD Morning " Sample Output: HELLO_WORLD-good_morning	[Marks-5]	CLO-4 Level-6