



Daffodil International University

Faculty of Science & Information Technology

Department of Computer Science & Engineering

Mid-Term Examination, Fall 2024

Course Code: CSE414, Course Title: Web Engineering

Level: 4 Term:1 Batch:59th

Time: 01:30 Hrs

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)	Discuss the roles of HTTP to facilitate the communication between a User and a Web Server.	[3]																
	b)	Distinguish between Functional and Non-functional requirements.	[3]																
	c)	You are working on a new e-commerce platform nearing its launch. Below are several issues and tasks that need to be addressed: 1. A critical bug causes the shopping cart to display incorrect totals when items are added or removed. 2. The platform needs to be tested in a production-like environment to ensure overall functionality. 3. Users need to interact with the platform and provide feedback on their shopping experience and usability. Classify each task into the appropriate testing stage and provide and explanation of each classification.	[5]	CO2															
2.	a)	You are tasked with developing an e-commerce website. The website needs to display product listings and suggestions, handle user authentication, and manage transactions. Explain how you would decide which parts of the application should be handled by the client-side and which by the server-side. Provide reasoning for your choices.	[6]	CO3															
3.	a)	Apply your knowledge of HTML and CSS to create a table with the structure displayed below: <table border="1"> <thead> <tr> <th colspan="2">Name</th> <th rowspan="2">Course Code</th> <th rowspan="2">Department</th> </tr> <tr> <th>First Name</th> <th>Last Name</th> </tr> </thead> <tbody> <tr> <td>Nayeem</td> <td>Zaman</td> <td rowspan="2">CSE414</td> <td rowspan="3">CSE</td> </tr> <tr> <td>Mubrasim</td> <td>Abir</td> </tr> <tr> <td>Basim</td> <td>Uddin</td> <td>CSE415</td> </tr> </tbody> </table>	Name		Course Code	Department	First Name	Last Name	Nayeem	Zaman	CSE414	CSE	Mubrasim	Abir	Basim	Uddin	CSE415	[8]	CO1
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