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Daffodil International University

Faculty of Science & Information Technology

Mid Term Examination, Spring 2023

Course Code: CSE414, Course Title: Web Engineering

Level:4 Term: 1 Batch: 56

Time: 1 Hour and 30 Minutes **Marks: 25**

Answer ALL Questions [Optional]

[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)	Suppose, you are a Software Test Manager of a company, and you are assigned to test a software named "Triangle Analyzer" How will you test the functional requirements of that software? Explain your answer.	4	CO-2
	b)	Nowadays, we are all evolving toward online shopping. Therefore, we need to do our payments by online transaction, where we have to put our account number, pin, or password. Thus, it's very important to handle the privacy of this type of private information. What types of attacks can be issued in this scenario, and how can we prevent them?	3	
2.	a)	Suppose you are a brilliant student in your batch and you have a clear concept of javascript. One of your friends needs your help to complete his project. Follow the given design pattern and develop a BMI calculator that will take height and weight values from the user as input and display results as an alert message to the screen as the person is underweight, normal, or overweight. BMI= KG/(H/100*H/100) Underweight = Less than 18.6 Normal Range = 18.6 - 24.6 Overweight = Greater than 24.6 Height in cm [ ] Weight in kg [ ] Submit Result [ ]	8	CO-3

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3. a) Solve the following structure by using proper html/css elements/tags you have learned. Are there any alternatives to your approach? Justify the reason behind the approach you have chosen. **10**

Class Routine

	8.30 – 10.30	10.30 – 12.30	12.30 – 2.30	2.30 – 4.30
Sunday	CSE414 AB04-222			CSE122 AB04-224
Monday		CSE115 AB04-218	CSE122 AB04-224	
Tuesday			CSE415 AB04-516	
Wednesday				