

## Daffodil International University Faculty of Science & Information Technology Department of Computer Science and Engineering Final Semester Examination, Spring-2024 Course Code: CSE112 Course Title: Computer Fundamentals Level:1 Term:1 Batch-66

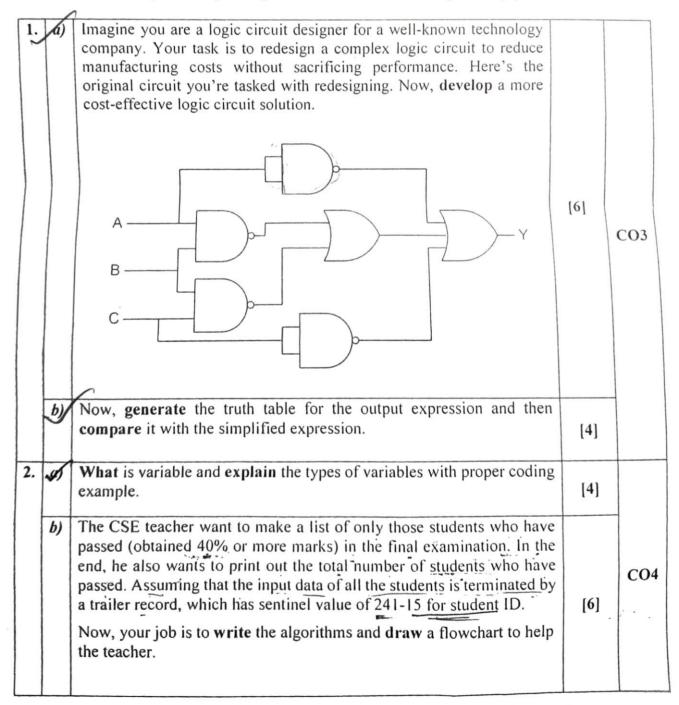
Exam Duration: 2 Hours

Marks: 40

10

## Answer ALL the Questions

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



3.	us .	Why is the OS important? Explain- How does the OS provide security to the data and information?	[5]	
	Jr.	Emily works for a multinational corporation with offices located in different cities worldwide. To ensure seamless communication and data sharing between offices, Emily decides to establish dedicated connections between each office using leased lines. Each office has a direct connection to the main headquarters, forming a fully interconnected network. Identify the network topology used in Emily's setup and explain its suitability for inter-office communication.	[5]	CO1
4.		A government agency's website was hacked, and false information was posted, causing public panic and misinformation. Identify the type of cyber-attack involved in this incident and discuss the impact on public trust in government institutions. Propose measures the agency can take to restore public confidence and prevent future attacks on its website	[10]	CO1

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