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Daffodil International University

Department of Software Engineering
Faculty of Science & Information Technology

Quiz_3 (SE222_Computer Architecture) _43 F (Fall-2025)

ID:

15	

Question 1.(CLO2)	***Marks***
Illustrate the steps of Booth's algorithm for 2's complement multiplication for the following values: (Using 4 bits). Given That: Multiplicand: -6 and Multiplier: 5	6
Question 2. (CLO2) **Transform** the following IEEE-754 32 bit floating point binary number into decimal. **1 | 01110101 | 10101000000000000000000**	5
Question 3. (CLO2) **Articulate** the basic elements of machine instruction.	4