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Daffodil International University

Department of Computer Science and Engineering

Course Code: CSE112 **Course Title: Computer Fundamentals** **Section: 70_M**
Semester: Fall-2025 **Quiz:02** **Course Teacher: MHS**
Name : **Student ID:**

Time: 30 Minutes **[Answer All the following questions]** **Full Marks: 15**

Q1. Draw a flowchart to calculate the total bill of a shopping cart after applying a 10% discount. Let's assur the customer added 3 items. You have to take the original price of these items then calculate the total bill.

Q2. Draw a flowchart to print the word "DIU" m times.

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Q3. Write an algorithm to calculate the electricity bill. Here, you have to take the integer number of electric (unit) used by the customer. Then calculate the electricity bill based on the following rates.

For first 100 units: 5 taka per unit

Next 100 units: 8 taka per unit

Above 200 units: 12 taka per unit

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