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Daffodil International University

Department of Computer Science and Engineering

Course Code:CSE411 Course Title: Computer Graphics Section: 65N
Semester: Summer 2026 Quiz: 1 Date:09.06.26
Name : Student ID:

Time: 40 Minutes [Answer All the following questions] Marks: 15

Question 1. Mr.Rahman wants to create a video game that involves drawing lines on a 2D grid. Starting points and ending points of the grid are (-5 , 15) and (15, 7). Now, Apply DDA Line Drawing Algorithm that will help Mr.Siam draw the line accurately. [Show each pixel and step wise calculation and display them in a tabular forma] **[10]**

Question 2.Discuss the working principle of Plasma Panel Display.
Also, state one advantage and one disadvantage of using this technology for large display screens. **[5]**

----------Start Writing From Here----------