

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 form]

[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-----