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Daffodil International University

Department of Computer Science and Engineering

Faculty of Science & Information Technology

Class Test - 1, Spring-2026 [●]

Course Code: CSE421 **Course Title: Computer Graphics**

Time: 30 minutes **Full Marks:●**

(Answer all the questions)

Your answer must be hand written

Q1.	Write the differences between Raster Scan and Random Scan (Vector) display. (at least 3 points of each display)	3
Q2.	Write the working process of Plasma Panel Display with figure and advantages of this display. (at least 3)	5
Q3.	You are designing a simple 2D graphics system where lines are drawn pixel by pixel on a raster display. Your goal is to implement the **Digital Differential Analyzer (DDA) algorithm** for line drawing from (7, -5) to (-2, 6). calculated all the (x, y) coordinates for the given line.	6
Q4.	What is the full form of PPI?	1

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