



Daffodil International University

Department of CSE

Faculty of Science & Information Technology

Mid-Term Examination

Semester: Summer 2018

Course Code: CSE 421 (Day)

Course Title: Computer Graphics

Section: ALL

Course Teacher: ALL

Time: 1.5 hours

Full Marks: 25

Question 1 is mandatory to answer. Answer any 3 from Questions 2-5.

- a. How can you display more colors in your CRT monitor? Describe. 4
 - b. Write short note on Direct View Storage Tube. 3
 - c. Write the applications of computer graphics in the field of CAD and visualization. 3
- How can you derive initial decision parameter of Mid-point circle algorithm? 5
- Draw a line where the endpoints are (5, 3) and (-4, -5) by using DDA. 5
- Draw a line with starting point (18, 35) by using Bresenham's Line Drawing algorithm. Here, $\Delta x = 9$ and $\Delta y = 6$. 5
- Draw a circle by using Mid Point Circle Algorithm where the diameter is 26 and the center is (-5, 7). 5