

**ANNAI VIOLET ARTS AND SCIENCE COLLEGE  
DEPARTMENT OF BUSINESS ADMINISTRATION**

**CONTINUOUS INTERNAL ASSESSMENT – I (EVEN SEM.)  
SUBJECT: GRAPHICS AND VISUALIZATION**

**Class : III B.SC(CS)  
Max.Marks : 50**

**Exam Date : 02.09.2022**

**PART A (5 x 2 = 10 MARKS)  
Answer any FIVE questions**

1. Define Computer Graphics
2. What is a resolution?
3. Name any two output devices for graphics.
4. Define the term of “pixel”?
5. What is meant by Gray Scale level?
6. Name any two video display devices?
7. Write two advantages of look up table?

**PART B – (2 x 5 = 10 MARKS)  
Answer any TWO questions**

- 8.Explain the working of hard copy devices.
- 9.Drive the explain for midpoint circle algorithm
- 10.Write about notes on Line Attributes.

**PART C – (3 x 10 = 30 marks)**

**Answer ALL questions**

11.Explain

- A) Raster Scan Systems
- B) Random Scan System.

12.Explain the Two Dimensional transformations.

13.Describe the Bresenham’s algorithm for generating straight lines.

**Prepared by**  
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