

**GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE, DURG**  
**ASSIGNMENT QUESTION (2024-25)**  
**BCA – V SEMESTER**  
**COURSE CODE – BCA-503(L)**  
**DSC- COMPUTER GRAPHICS**

**Max.Marks: 15**

**Note:** Section 'A' & 'B' containing 2 very short-answer-type questions, is compulsory. Section 'C' consists of short-answer-type questions and Section D is long-answer-type questions.

**Section - 'A'**

**Answer the following very short-answer-type questions in one or two sentences: (1×2=2)**

Q.1 What is point and lines?

**Section - 'B'**

**Answer the following very short-answer-type questions in one or two sentences: (1×2=2)**

Q.1 What is DDA Algorithms?

**Section - 'C'**

**Answer the following very short-answer-type questions in one or two sentences:(1×4=4)**

Q.1 Write algorithms for “DDA line drawing Algorithms”?

**OR**

Write algorithms for “Bresenham’s line drawing Algorithms”?

**Section - 'D'**

**Answer the following long answer type questions in word limit 150-200: (1×7=7)**

Q.1 write about mid point circle algorithm and algorithm with example?

**OR**

what is Boundary fill algorithm and flood fill algorithms define both with suitable example?