

The University of Burdwan

B.C.A(H) Part-III Examination, 2020

Paper Name: Computer Graphics

Paper Code: BCA-306

F.M:40

Time:2 Hrs.

Answer any *eight* Questions:

5x8=40

1. Explain different types of projection techniques in brief.
2. Discuss the flood fill algorithm.
3. Explain Composite transformation techniques.
4. Discuss a circle drawing algorithm.
5. What is scaling? Using scaling technique magnify the triangle ABC with vertices A (0,0), B (2,2) & C (5,3) two times.
6. Briefly explain different color display techniques of computer graphics.
7. What are Bezier Curves used for? Explain Bezier Curve generation technique in brief.
8. Briefly explain hidden line and surface elimination technique.
9. Write a short note on 3D surface modeling.
10. Write down Bresenham algorithm of line drawing.