UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 6th Semester Examination, 2022

CC14-COMPUTER SCIENCE (CC-62L) (PRACTICAL)

COMPUTER GRAPHICS LAB

Time Allotted: 2 Hours   Full Marks: 20

The questions are of equal value.
The figures in the margin indicate full marks.
All symbols are of usual significance.

Answer any *one* question of the following   20×1 = 20

1. Draw a house using graphics.

2. Draw an arrow using graphics.

3. Draw the alphabet 'A' using graphics.

4. Draw the alphabet 'C' using graphics.

5. Draw the number '8' using graphics.

6. Draw a rectangle using graphics, then scale it by factor 2.

7. Draw a triangle using graphics, then rotate it by angle 45° in respect of *X*-axis.

8. Draw a circle using graphics, then shear it along x-axis by factor 2.

9. Draw a line by Bresenham's line drawing approach, then translate it by unit 15 in respect of both axis.

10. Draw a line using DDA line drawing algorithm, then perform clipping using Cohen Sutherland line clipping algorithm.

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