Roll No.:..................

National Institute of Technology, Delhi

Name of the Examination: B. Tech. /M. Tech. /Ph. D.

Branch   : ECE   Semester   : II

Title of the Course   : Engineering Visualization   Course Code   : MEB 100

Time: 2 Hours   Maximum Marks: 25

Note: All questions carry equal marks.

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1. What are projection, projector and plane of projection?   (5)

2. Define point, line, plane and solid.   (5)

3. What are the two major methods of dimensioning?   (5)

4. What is a profile plane? Discuss the implication of the projection of plan. (5)

5. Fv of line AB makes 45° angle with XY line and measures 80 mm. Line's Tv makes 30° with XY line. End A is 20 mm above HP and its VT is 10 mm below HP. Draw projections of line AB, determining inclinations with HP and VP and locate HT and VT.   (5)