

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 different types of scales and their symbols? (5)
 2. What are different types of line and their symbols? (5)
 3. What is first angle projection and third angle projection? Discuss with their symbol. (5)
 4. Discuss the relevance of engineering visualization in engineering applications. (5)
 5. Fv of line AB makes 45° angle with XY line and measures 40 mm. Line's Tv makes 30° with XY line. End A is 10 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)