Course : CE 101

Lab Sheet-4

1. A line MN, 70 mm long, is inclined at 42° to the H.P. and 35° to the V.P. Its end N is in the H.P. and 50 mm in front of the V.P. Draw its projections. (Assume the line to be located at 1st Quadrant)
2. A line AB, 112 mm long, is inclined at 50° to the H.P. and at 20° to the V.P. Its end A and B are in first quadrant. A. A is 20 mm above H.P. and 45 mm in front of V.P. Draw the projections of AB.
3. A point Q is 25 mm below H.P. and lies in the fourth quadrant. Its closest distance from XY is 45 mm. Draw its projections.
4. Front view of line AB makes 42º angle with XY line and measures 70 mm. TV of AB makes 35º with XY line. End A is 12 mm above HP and it’s VT is 10 mm below HP. Draw projections of line AB, determine inclinations with HP & VP and locate HT, VT.