

Agnihotri Engineering & GATE Classes

Scripting success stories

PROJECTION OF POINT

Q.1) Draw the Projection of the point for the following cases ?

- a)Point A is 15 mm above HP & 40 mm in front VP?
- b)Point A is 25 mm behind VP & 25 mm below HP?
- c)Point A is 30 mm above HP & 20 mm behind VP ?
- d)Point A is 25 mm above HP & 40 mm behind VP ?
- e)Point A is 15 mm below HP & 50 mm in front of VP ?
- f)Point A is 10 mm in front of VP & 45 mm below HP ?
- g)Point A is 40 mm below HP 40 mm in front of VP ?
- h)Point B is 30 mm from HP & 40 mm from VP ?
- i)Point B is in HP & 25 mm in front of VP ?
- j)Point B is in H & 40 mm behind VP?
- k)Point B is in VP & 30 mm above HP ?
- l)Point B is in the VP & 25 mm below HP ?
- m)Point B is in both HP & VP ?
- n)Point B is in both HP & VP & in third quadrant ?

Q.2)A point 30 mm above the X-Y line is the plan view of two points P & Q.Elevation of P is 45 mm above the X-Y line while the elevation of Q is 35 mm below the X-Y line. Draw the projection & state the position of points with respect to HP &VP ?

Q.3)A Point P is 15 mm above HP & 20 mm in front of VP & other point Q is 25 mm behind VP & 40 mm below HP . Draw the projection of PQ keeping the distance between their projector 90 mm. Draw a straight line joining their front view & top their view ?

Q.4)Two points A & B are in the HP. Point A is 30 mm in front of VP while B is behind the VP. The distance between their projector is 75 mm & line joining their top view makes an angle of 45° with X-Y. Find the distance of point B from VP ?

Classes on (ED,BEEE,M1,M2,M3,NA,CONTROL,DSP & other GATE oriented Engineering Subjects)

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