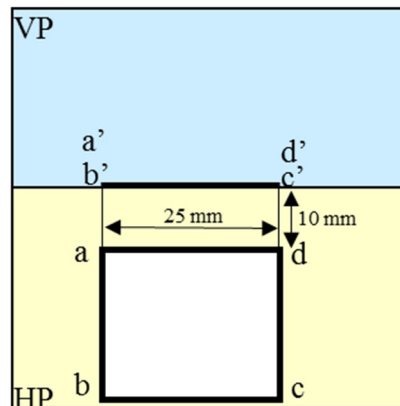
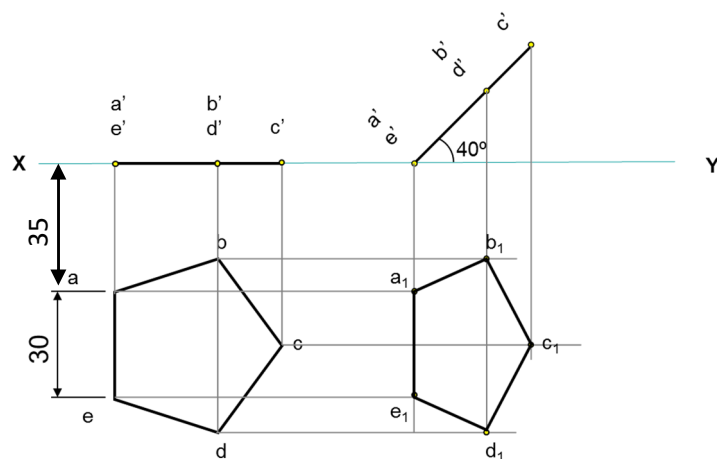


1. A square lamina ABCD of side 25 mm is in the horizontal plane. The two closest vertices of the lamina to the vertical plane is at a distance of 10 mm from it. Draw its projections. [10 marks]



2. A regular pentagon of 30mm side has one side on the ground. The nearest point on that side to VP is at a distance of 35 mm from it. Its plane is inclined at 40° to the HP and perpendicular to the VP. Draw its projections. [15 marks]



3. A thin rectangular plate of sides 60 mm X 30 mm has its shorter side in the V.P. and inclined at 30° to the H.P. Project its top view if its front view is a square of 30 mm long sides. [25 marks]

