

## **Tutorial - 5**

### **Orthographic Projection – Projection of Planes**

**Please draw manually the following questions based on Orthographic projections on your sketchbook-**

1. A square lamina of side 50 mm is perpendicular to VP and parallel to HP. Draw its projections
  
2. A Square plane with a 40mm side has its surface parallel to and 20mm above the HP. Draw its Projections, when (a) A side is parallel to VP (b) A side is inclined at  $30^{\circ}$  to VP and (c) All sides are equally inclined to VP.
  
3. A Pentagonal plane with a 30mm side has an edge on the HP, the surface of the Plane is inclined at  $45^{\circ}$  to the HP. Draw its Projections