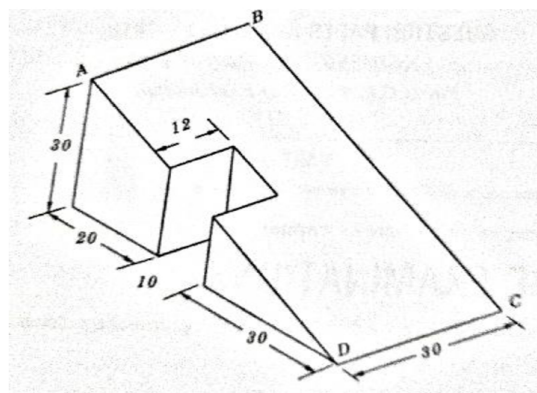
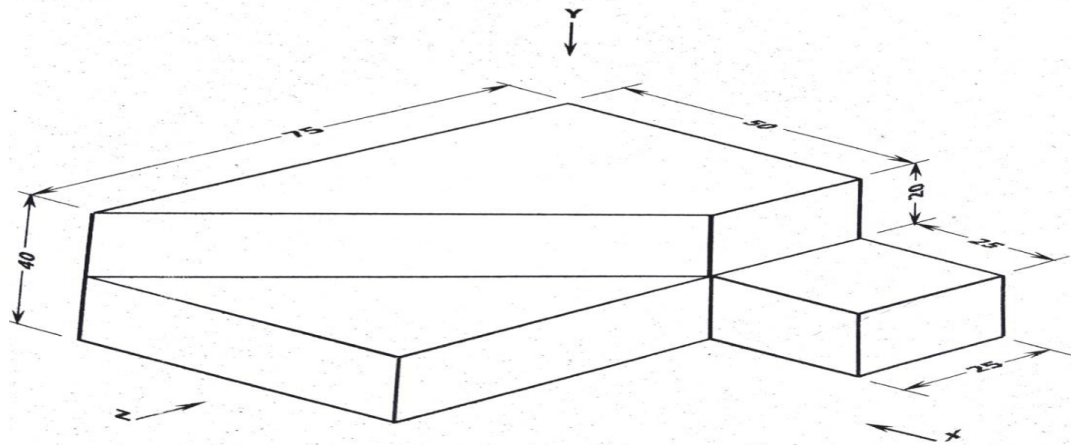


Total Marks: 60

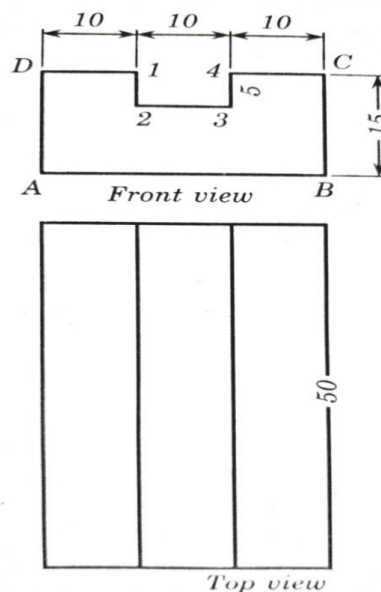
Note 1: Answer any four questions and each question carries ten marks.

2: All dimensions are in mm.

5. Draw the cycloid for a circle of 50 mm diameter for one complete revolution
6. A regular hexagon of 25mm side has its one edge on H.P. The surface of the Plane is perpendicular to V.P and inclined at 40° to H.P. Draw the projections of the Plane
7. A cylinder of base diameter 40mm and height 75mm standing on one of its ends. It is cut by a plane which is perpendicular to the VP and 60° to the HP and passing through the middle point of top face Draw the sectional top view and true shape of the section
8. Draw the front view, top view and side view of the "corner stop" in the directions X, Y and Z respectively



9. Draw the isometric view of the object the views of which are given below



10. A cone of base diameter 40mm and height 60mm is standing vertically on HP. It is cut by a plane which is inclined at 45° to HP, perpendicular to VP and passing through the mid-point of the axis. Develop the lateral surface of the frustum of a cone