Tutorial - 6
Orthographic Projection – Projection of Solids

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

1. A hexagonal prism of base side 30 mm and height 65 mm rests with one of its rectangular faces on HP. If the axis is inclined 30° to VP, draw its projections.

2. A cone of base diameter 50mm and axis 60mm has one of its generators on HP. If the axis is parallel to VP, draw its projections.

3. A cylinder of 40mm diameter and 70mm length is resting upon one of its generators on HP. If the axis of the cylinder makes 60° to VP, draw its projections.