



**HDE-1601390101010300** Seat No. \_\_\_\_\_

**First Year B. A. (ID) (Sem. I) Examination**

**November / December – 2017**

**Technical Representation Drawing - I**

Time : Hours]

[Total Marks : 50

- Instructions :** (1) All questions are compulsory.  
(2) Any ambiguity will be considered as a wrong answer.

- 1** A regular hexagon of 30mm side has one side on the ground. Its plane is inclined at 45 degree to the H.P. and perpendicular to the V.P. Draw its projections. **10**

**OR**

- 1** Draw the projections of a square of 50 mm side resting in the H.P. on a point A on the, its plane inclined at 60 degree to the H.P. and parallel to the V.P. **10**
- 2** Draw the projections of a cylinder, base 50mm diameter and axis 70mm long, resting on one face on the H.P., with the axis inclined at 30 degree to the H.P. **10**

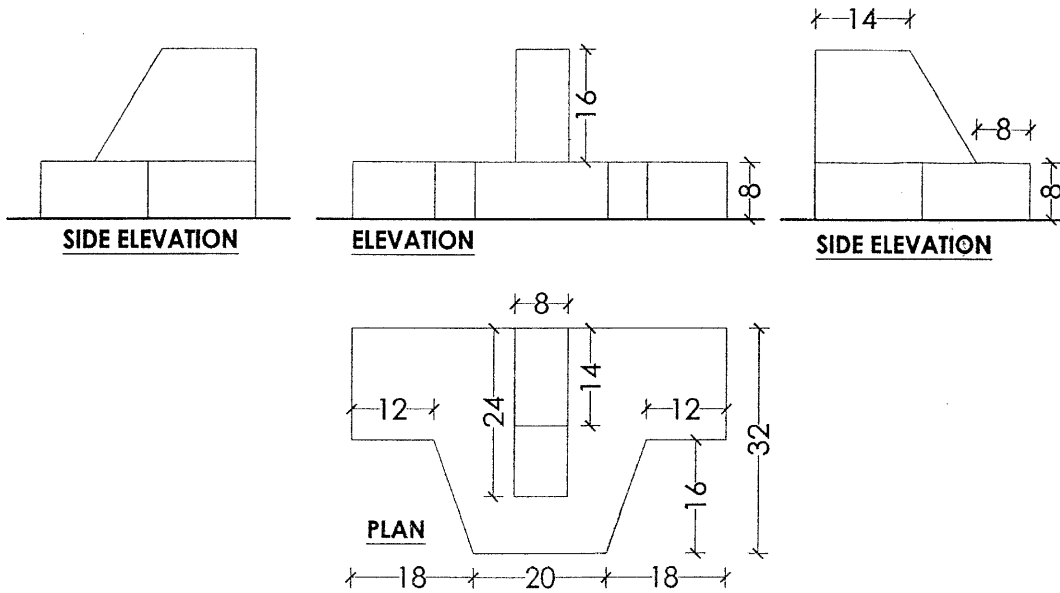
**OR**

- 2** Draw the projections pentagonal pyramid, base 40mm side and axis 60mm long perpendicular to V.P. resting on the H.P., with the axis inclined at 30 degree to the V.P. **10**
- 3** A cuboid of 35mm long edges and axis 60mm long is resting on the H.P. axis perpendicular to V.P. and axis inclined at 30 degree to the V.P. it is cut by a section plane parallel to the V.P. and 20mm away from the axis and further away from the V.P. Draw its sectional front view and the top view. Side view if necessary. **10**

**OR**

- 3** A cone, base 50mm diameter and axis 70mm long, has its base horizontal on H.P. A section plane inclined at 45 degrees inclined to H.P. Draw its front view, sectional top view and true shape. **10**

- 4 Draw the isometric view of given object. (change) 10



- 5 Draw One point perspective of the given object. 10

Condition : Don't take SP a line with the centre of the object

Pentagonal prism (side = 25mm, height = 50mm)

**OR**

Square pyramid (side = 25mm, height = 50mm)