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

November / December – 2016
Technical Representation Drawing – I

Time : **2** Hours]   [Total Marks : **50**

Instructions : (1) All questions are compulsory.

                   (2) Any ambiguity will be considered as a wrong answer.

1   A regular pentagon of 25mm 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 circle of 50 mm diameter resting in the H.P. on a point A on the circumference, its plane inclined at 45 degree to the H.P. and parallel to the V.P.   **10**

2   Draw the projections of a triangular prism, base 25mm side and axis 50mm long, resting on one of its rectangular faces on the H.P. with the axis inclined at 45 degree to the V.P.   **10**

OR

2   Draw the projections of a cone, base 40mm diameter and axis 50mm long resting on the H.P., with the axis inclined at 45 degree to the V.P.   **10**

3   A cube of 35mm long edges is resting on the H.P. on the one of its with a vertical face inclined at 30 degree to the V.P. it is cut by a section plane parallel to the V.P. and 9mm away from the axis and further away from the V.P. Draw its sectional front view and the top view.   **10**
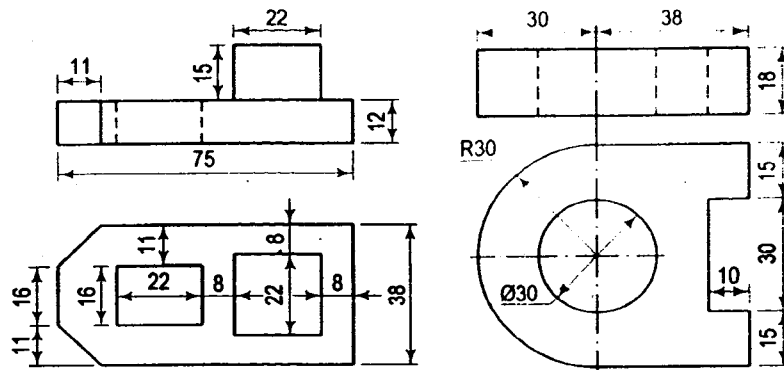
OR

3   A pentagonal pyramid, base 30mm side and axis 65mm long, has its base horizontal and an edge parallel to the V.P. A horizontal section plane cuts it at a distance of 25mm above the base. Draw its front view and sectional top view.   **10**

4   Draw the isometric view of given object.   **10**

OR

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

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

(A)   Hexagon prism (side = 25mm, height = 50mm)

OR

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

———————