

[3 Hours]

1. Question No. 1 is compulsory.
2. Answer any Three questions out of remaining Five questions.
3. Use only Drawing Sheets for answering.
4. Use your judgement for any unspecified diminution.
5. Use First Angle Method of projection only.
6. Retain all construction Lines.

- b. Draw an isometric view of the Fig.4b object using natural scale. (9)

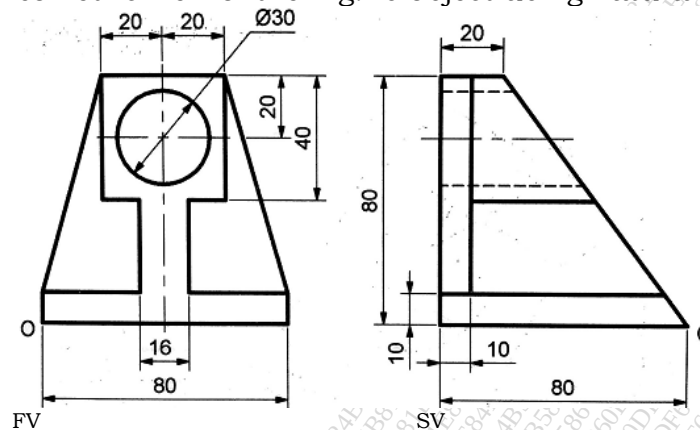


Fig.4b

- Q.5 A cone base 50mm diameter and axis 65mm long is resting on its base on the H.P. A section plane perpendicular to V.P. and inclined at 45° to H.P. cuts the cone, bisecting its axis. Draw front view, sectional top view, sectional side view and the true shape of the section and also draw its development of lateral surface. (15)
- Q.6 a. A line AB 70mm long is inclined at an angle of 30° to HP and 45° to VP. Its end point 'A' is 20mm above HP and 25mm in front of VP. Draw the projections when point 'B' is in the first quadrant. (9)
- b. Draw an isometric view of the following object using natural scale. (6)

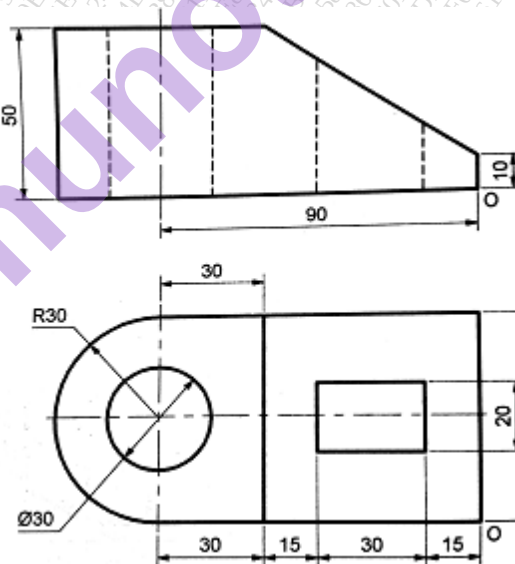


Fig.6b