

- Q.5. a. Fig 3 shows a pictorial view of an object. Using first angle projection, draw front view and top view. Give at least 10 dimensions.

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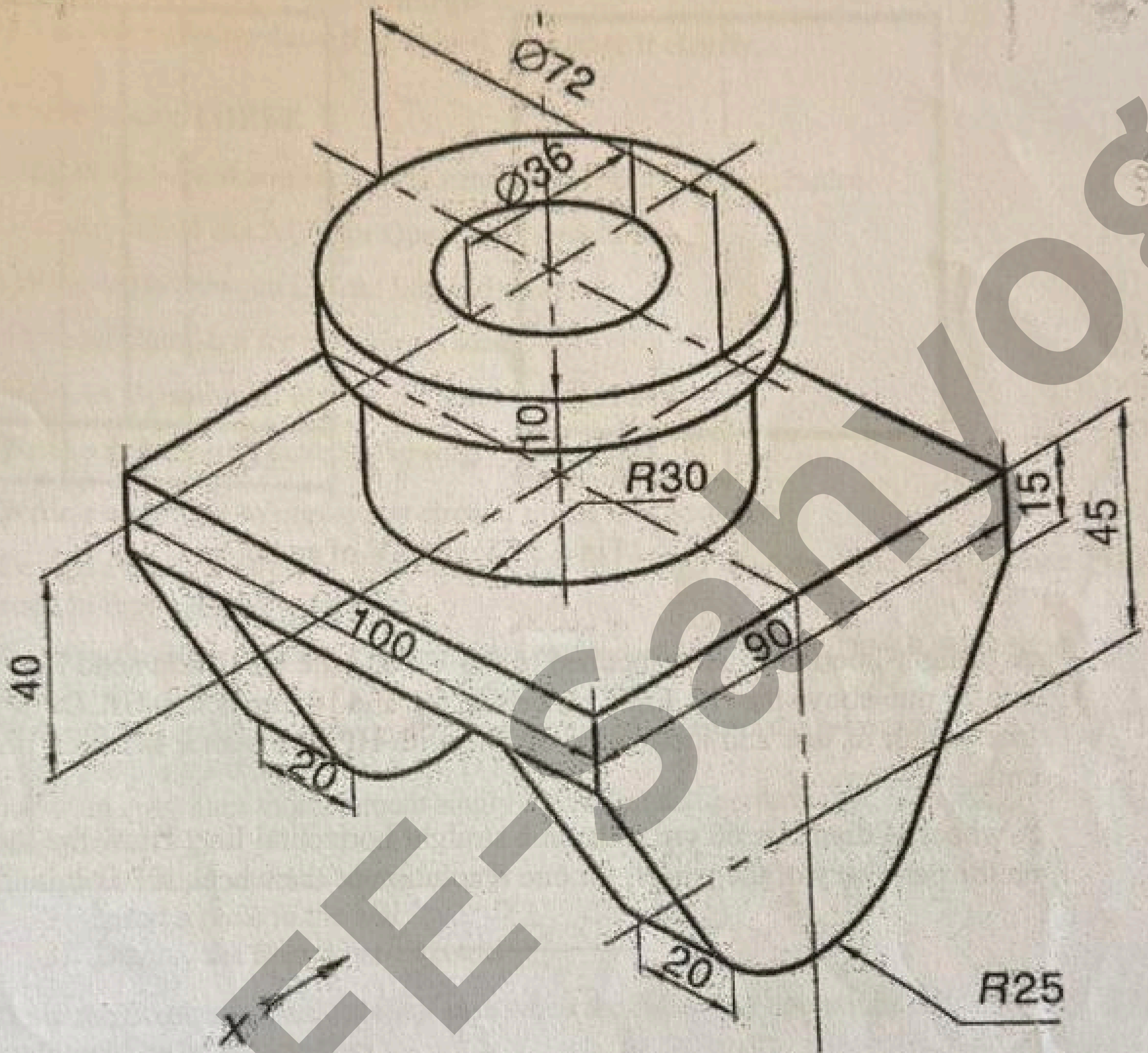


Fig 3 Pictorial view of an object

- b. Fig 4 shows FV and SV of an object. Draw isometric view. The origin may be assumed at a suitable corner.

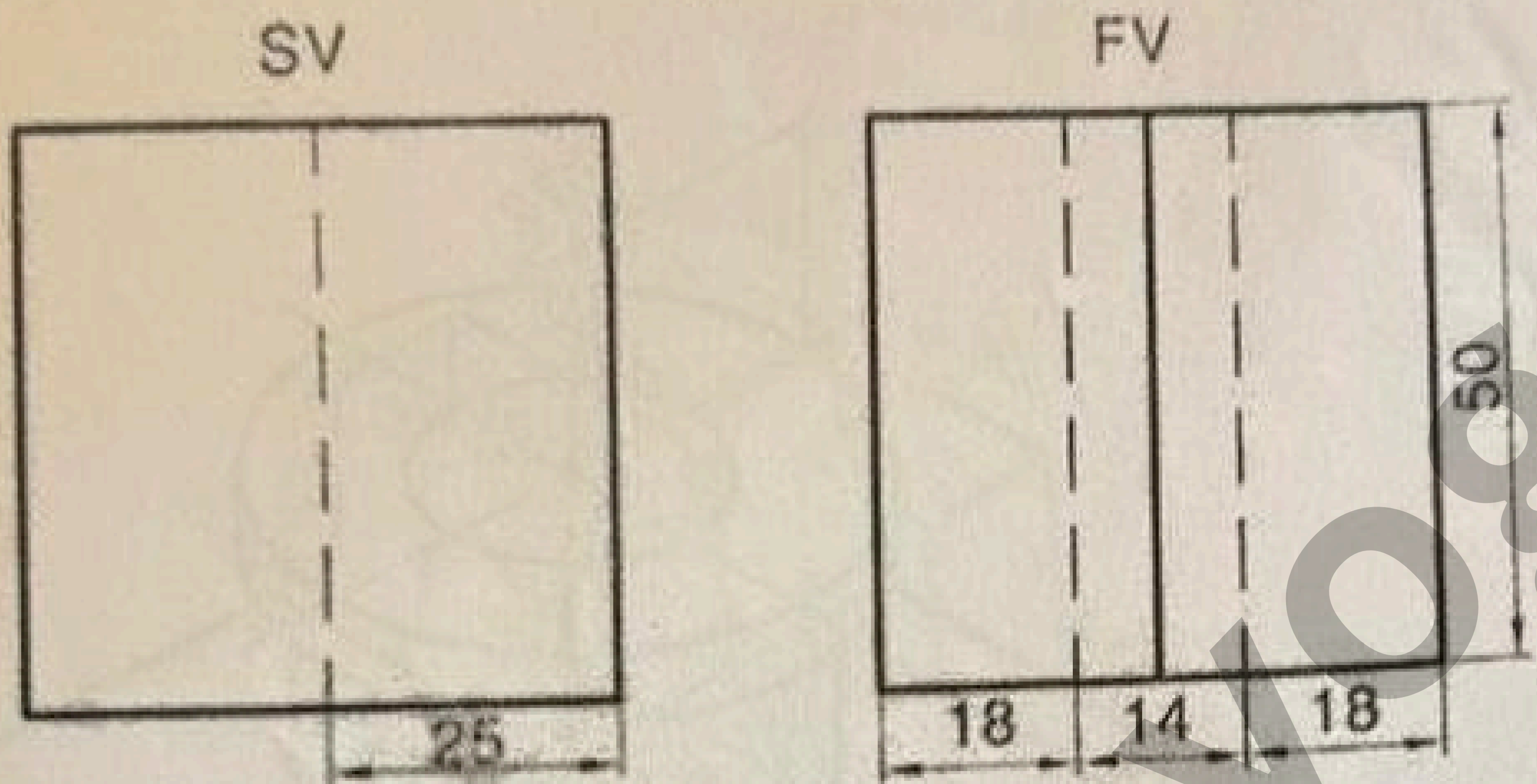


Fig 4 : FV and SV of an object

- Q.6
- A straight-line PQ equally inclined to the VP and the HP, has its end P in front of the VP and 20 mm above the HP. End Q is behind VP and 10 mm below HP. Draw the projections, true length of line and inclination of line with HP, if distance between projections of the ends is 60 mm.
 - A wheel of diameter 60 cm rolls on a straight horizontal line. Draw the locus of a point P on the periphery of the wheel, for one revolution of the wheel, if P is initially on the road.