

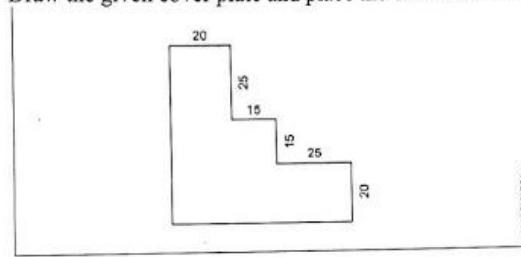
**PAPER - IV**  
**ENGINEERING DRAWING**  
 (ANNUAL EXAMINATION) COMMON FOR ALL TRADES (1<sup>st</sup> YEAR)

TIME: 3 HRS.

MARKS: 50

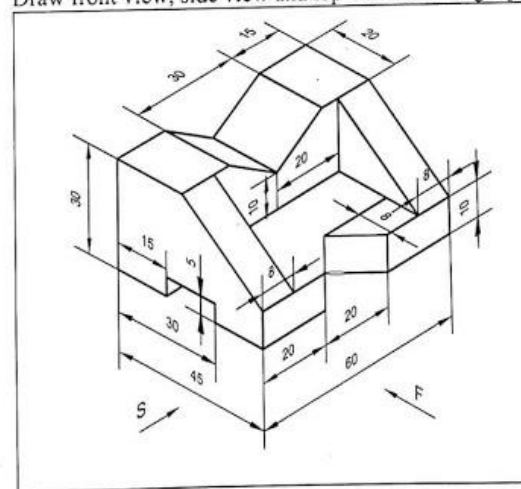
Note: Attempt all questions.

1. Draw free hand drawing of: - (10)  
 a) Scriber                      b) centre punch 60°
2. Draw an Ellipse by four centre method Major axis 80mm, minor axis 40mm. (10)
3. Draw the given cover plate and place the dimensions in the Aligned system. (10)



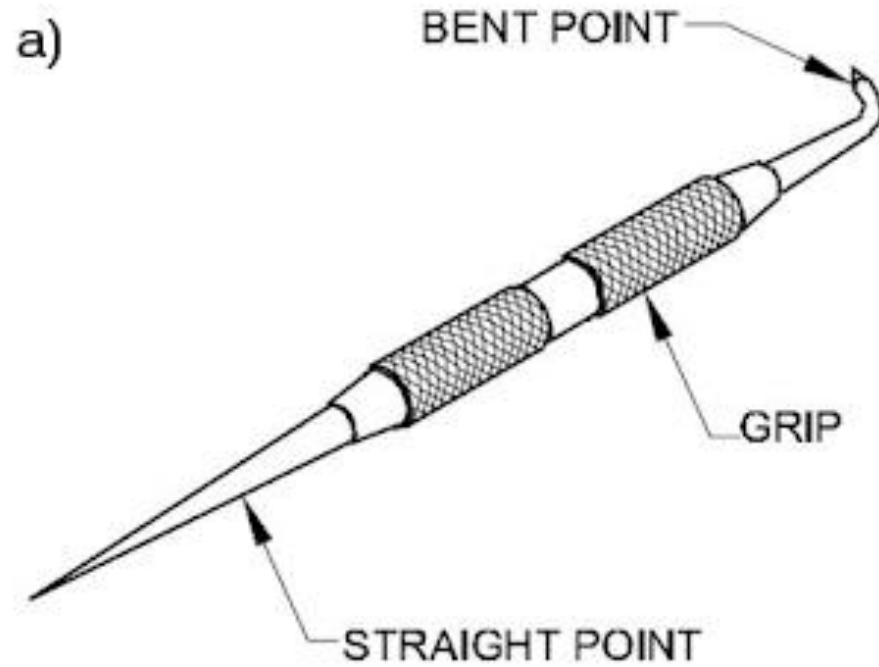
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4. Draw front view, side view and top view in 3<sup>rd</sup> angle projection of the given object. (20)

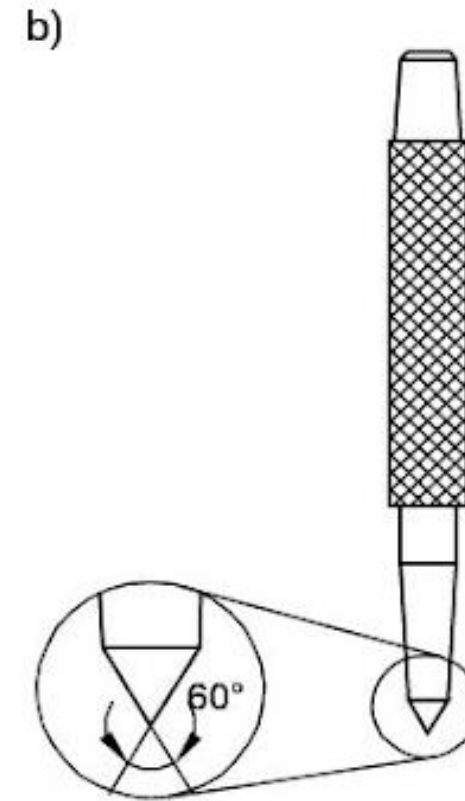


1. Draw free hand drawing of :- a) **Scriber**

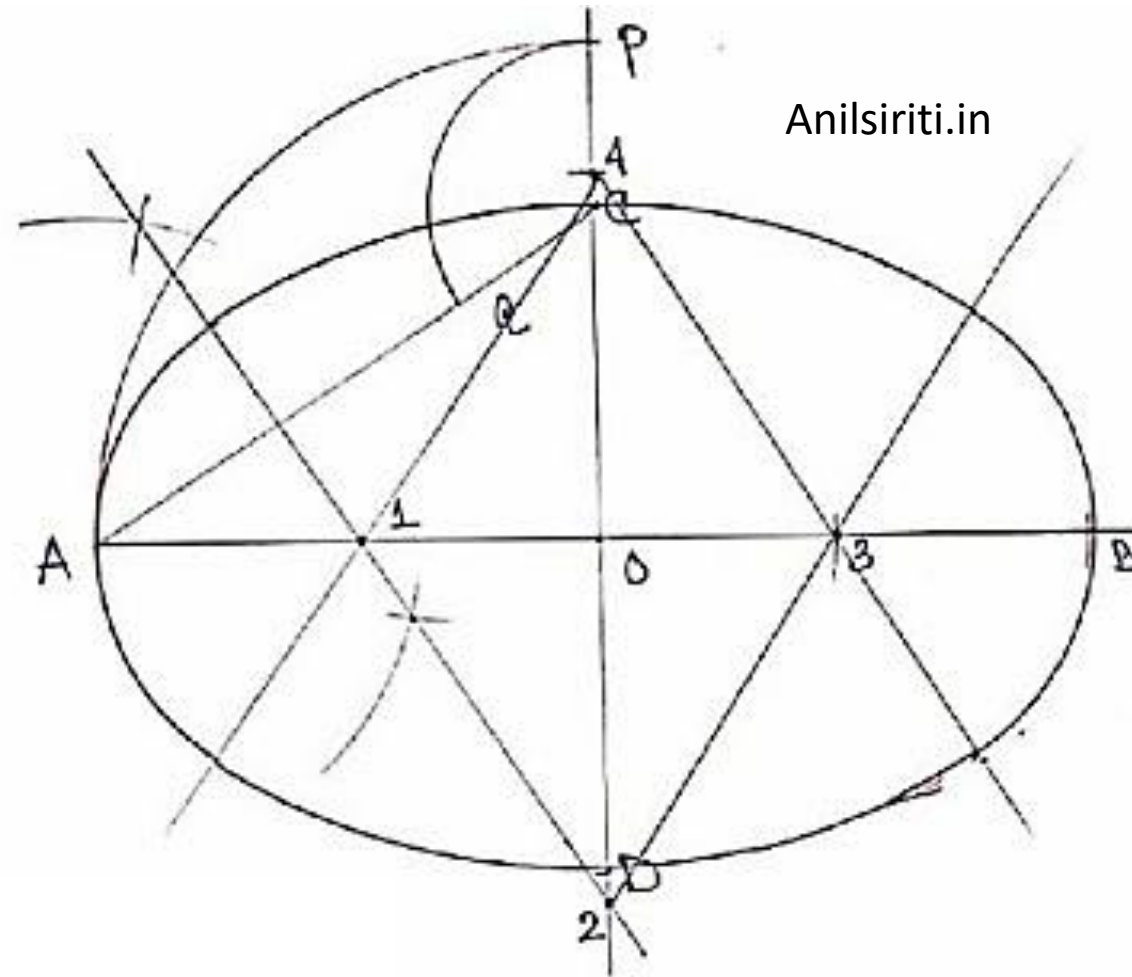
b) **Center Punch 60°**



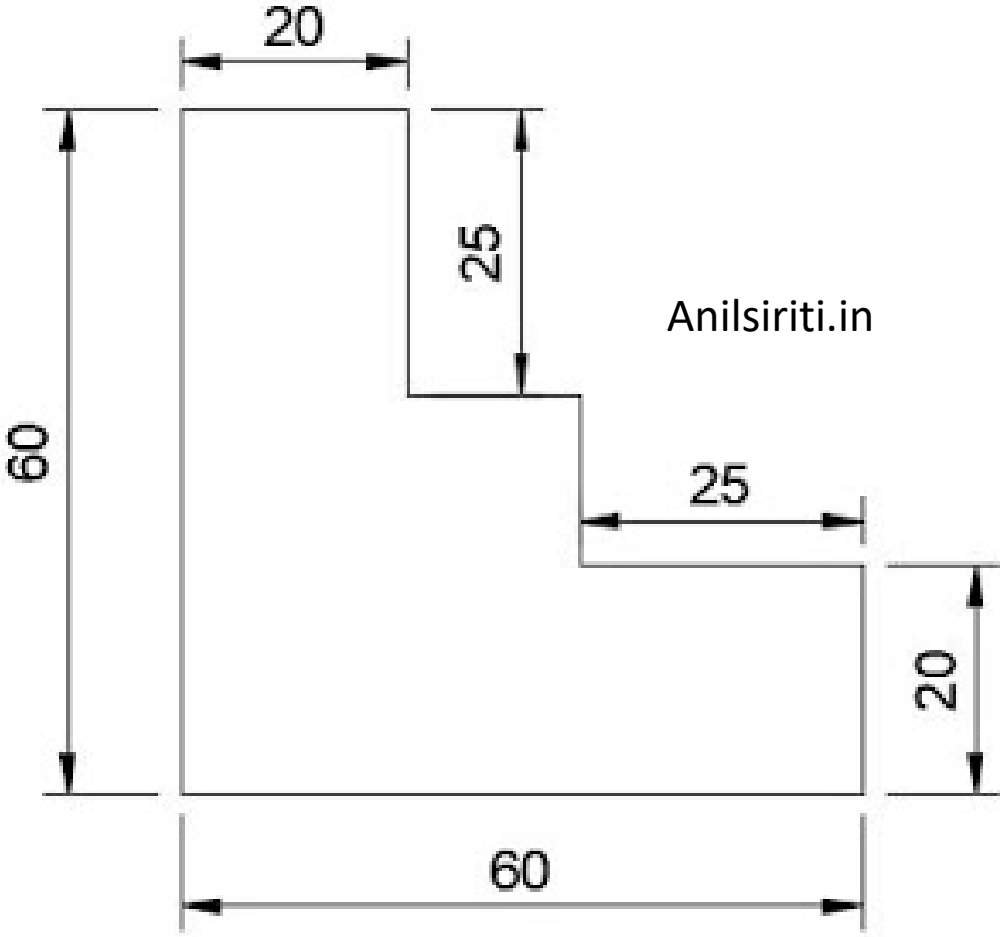
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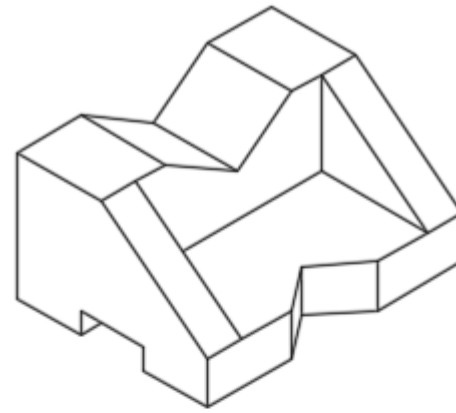
2. Draw an Ellipse by four center Method Major axis 80mm, minor axis 40mm



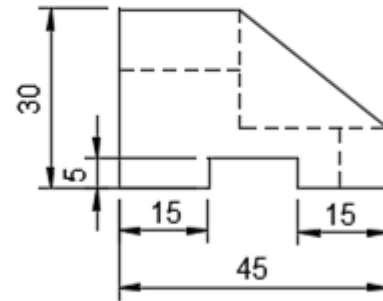
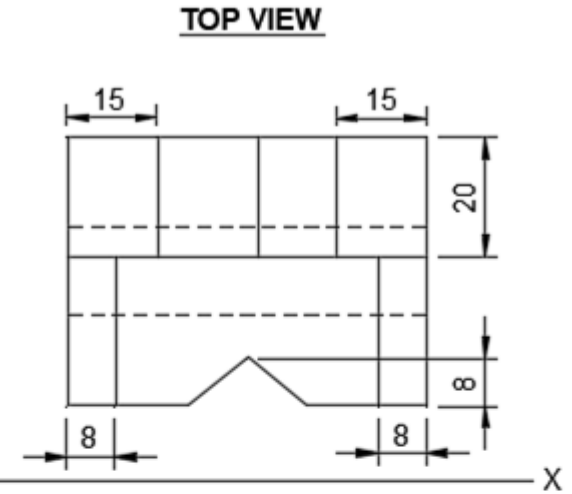
3. Draw the given cover plate and place the dimensions in the Aligned system



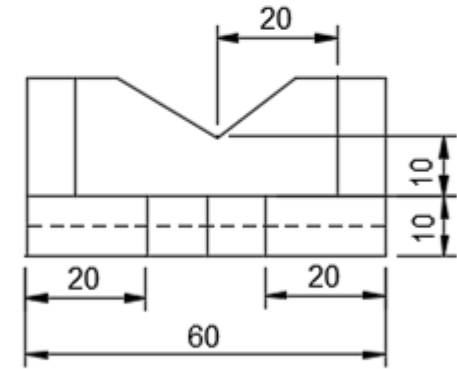
4. Draw front view, Side View and Top View in 3<sup>rd</sup> angle projection of the object.



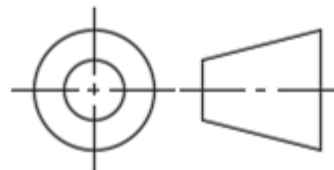
Isometric View- Not required to draw in answer.



SIDE VIEW



FRONT VIEW



All Dimensions are in mm.

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