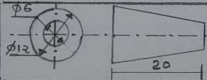


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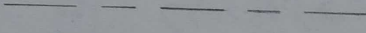
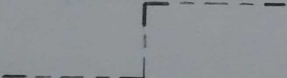


TITLE BLOCK

	DATE	SIGN	DEPT/STAIR, CHAIR/US/AT	
STID			CH/ANG/A	
F/IR			TITLE (OF SHEET	
COMP				
RUSHIKIR/ATH(1)				
20DCS103				
F.Y.B.TECH				
SCALE: 1:1			DIRG N(1/2	



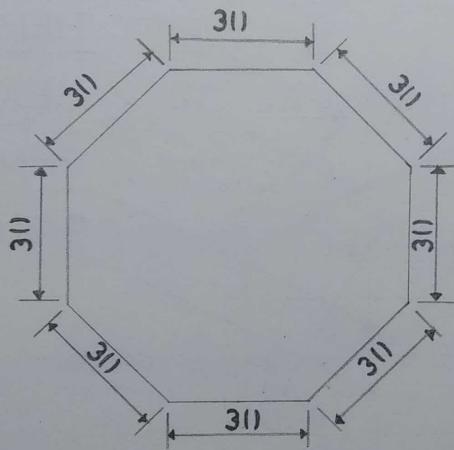
65 70

# TYPES (OF) LINES

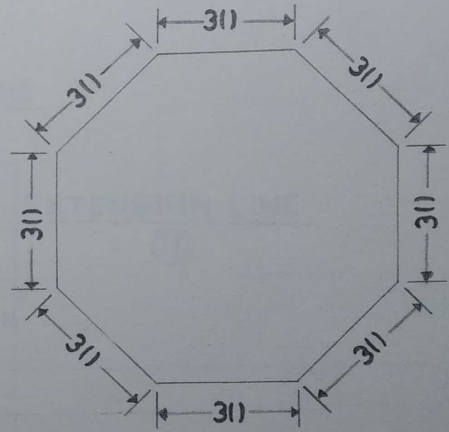
Line	Description	General Applications
A 	Continuous thick	A1 Visible outlines
B 	Continuous thin [ Straight or curved ]	B1 Imaginary lines of intersection B2 Dimensioning lines B3 Projection lines B4 Leader lines B5 Hatching lines B6 Outlines of revolved sections in plane B7 Short centre lines.
C 	Continuous thin, free hand	C1 Limits of partial or interrupted views and sections, if the limit is not a chain thin.
D 	Continuous thin [ straight ] with zigzages	D1 Line
E 	Dashed thick	E1 Hidden outlines
G 	Chain thin	G1 Centre lines G2 Lines of symmetry G3 Trajectories
H 	Chain thin, thick at ends and changes of directions.	H1 Cutting planes
J 	Chain thick	J1 Indication of lines on surfaces to which a special requirement applies.
K 	Chain thin, double dashed.	K1 Outlines of adjacent parts K2 Alternative and extreme positions of movable parts K3 Centroidal lines.

## DIMENSIONING SYSTEM: OCTAGON

ALIGNED

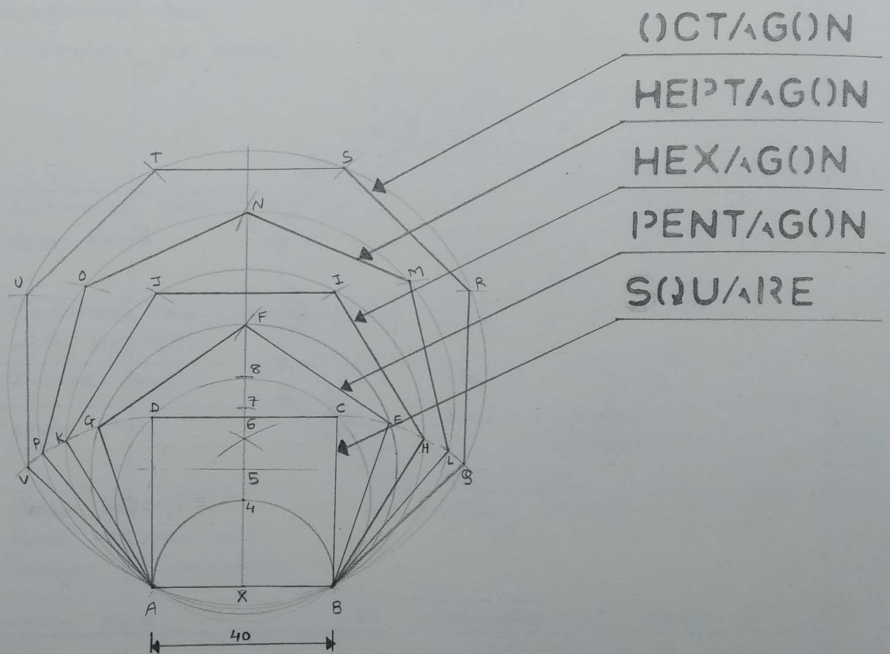


UNIDIRECTIONAL

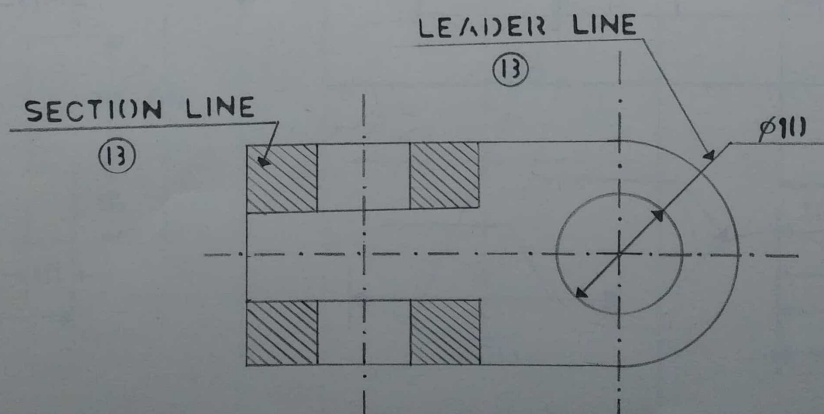
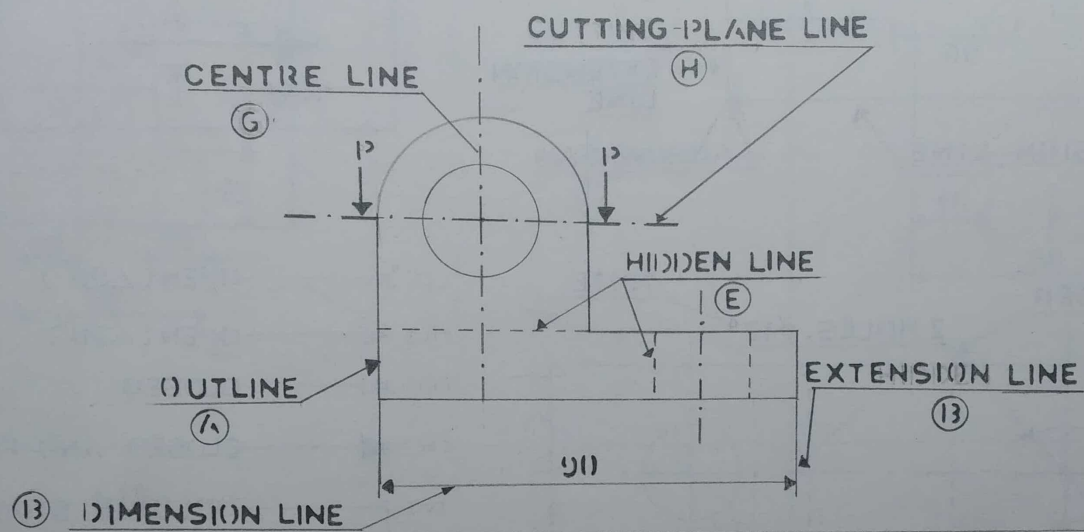


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# GEOMETRIC CONSTRUCTION

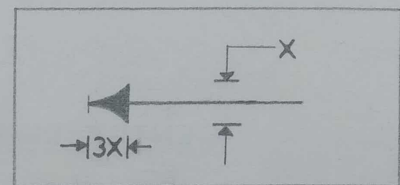
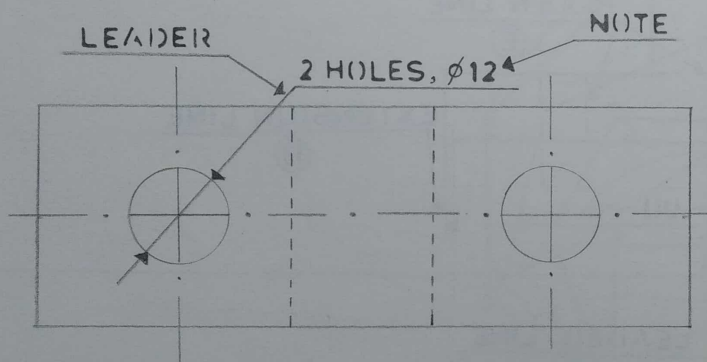
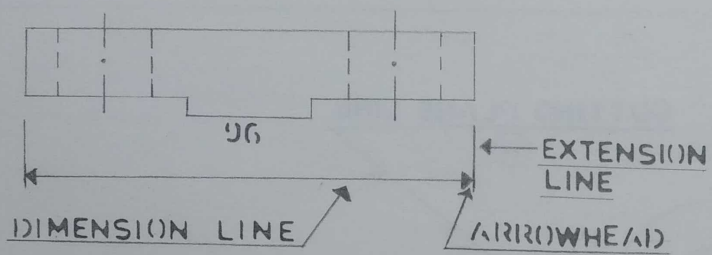


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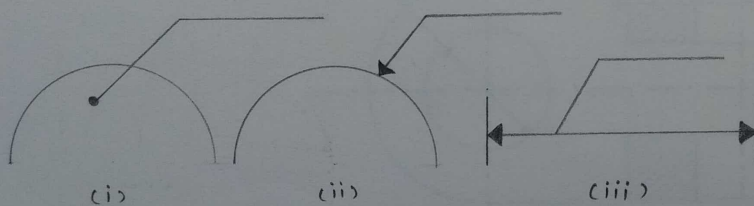




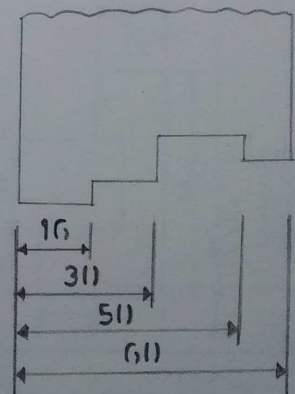
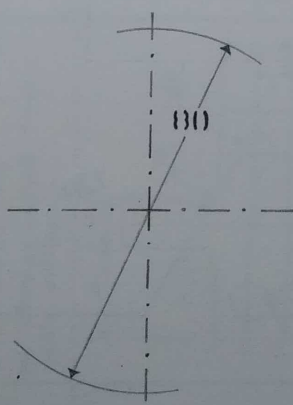
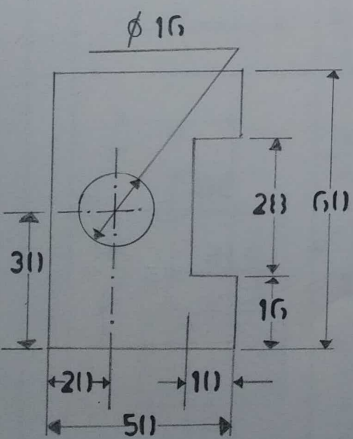
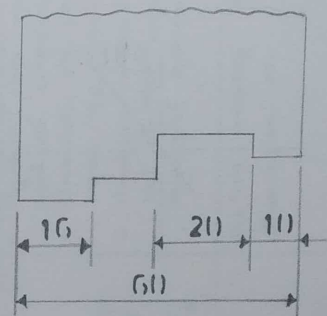
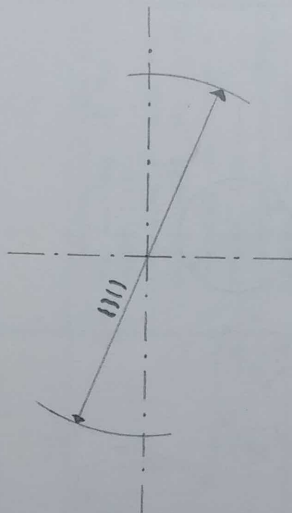
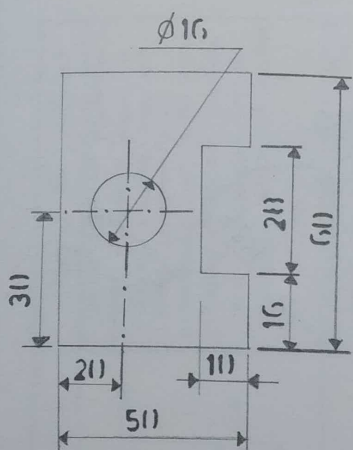
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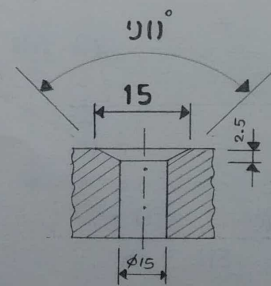
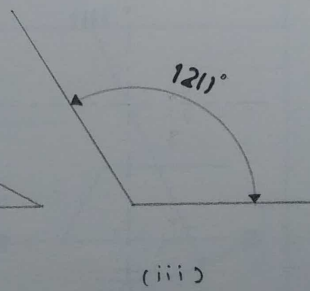
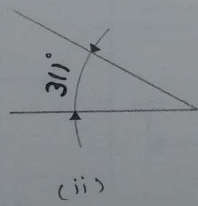
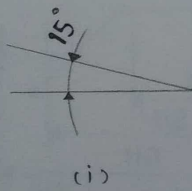
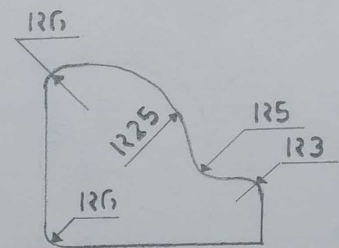
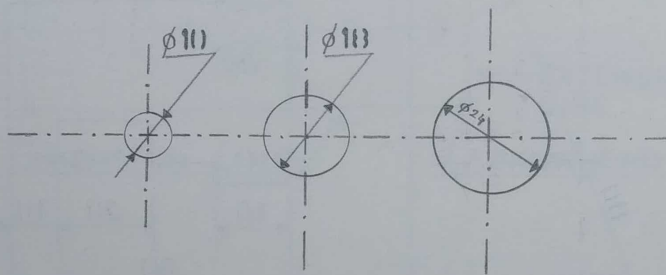
- (i) OPEN ( $\angle 90^\circ$ )
- (ii) OPEN ( $\angle 20^\circ$ )
- (iii) CLOSED
- (iv) CLOSED AND FILLED
- (v) BISECTING STROKE
- (vi) SMALL OPEN CIRCLE



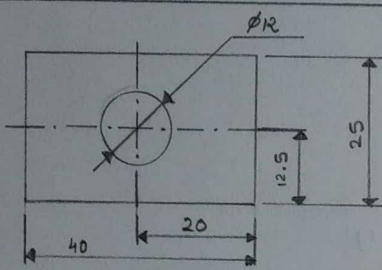
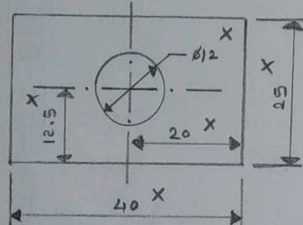
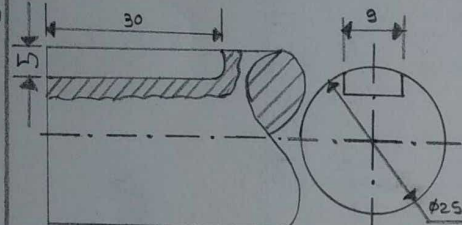
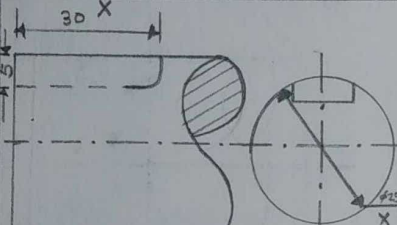
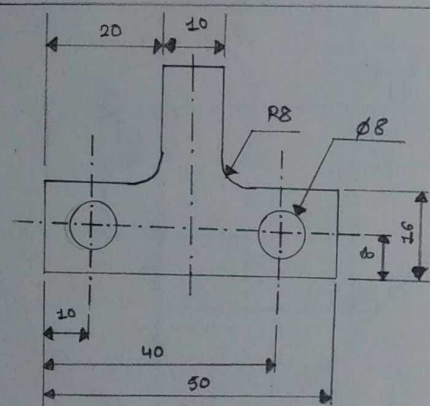
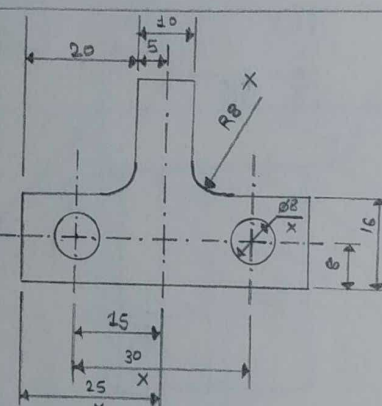
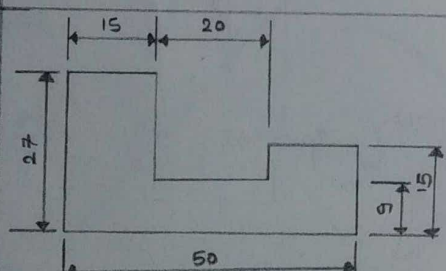
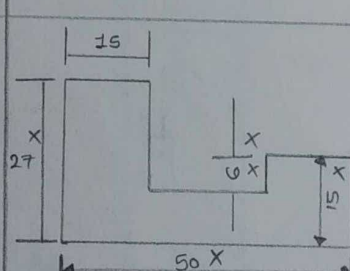
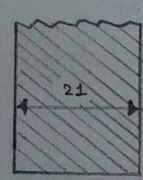
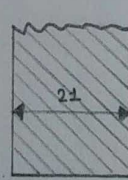
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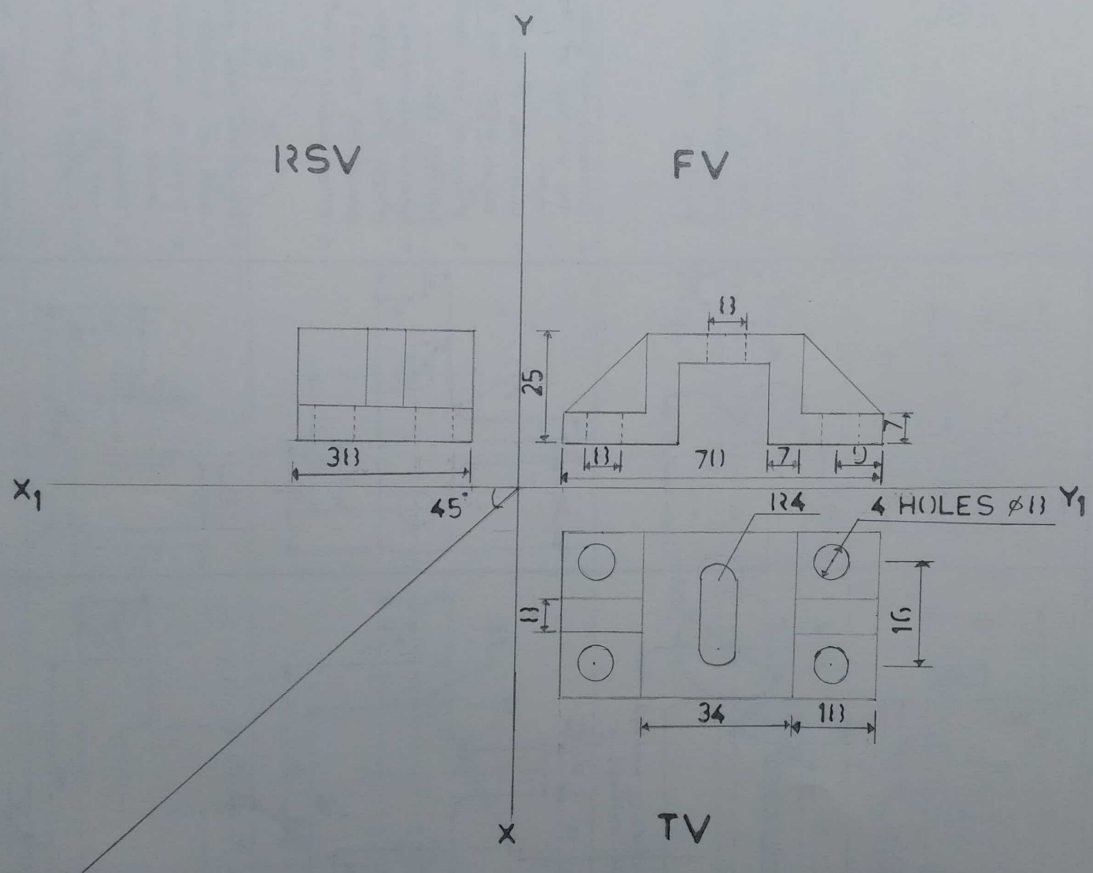




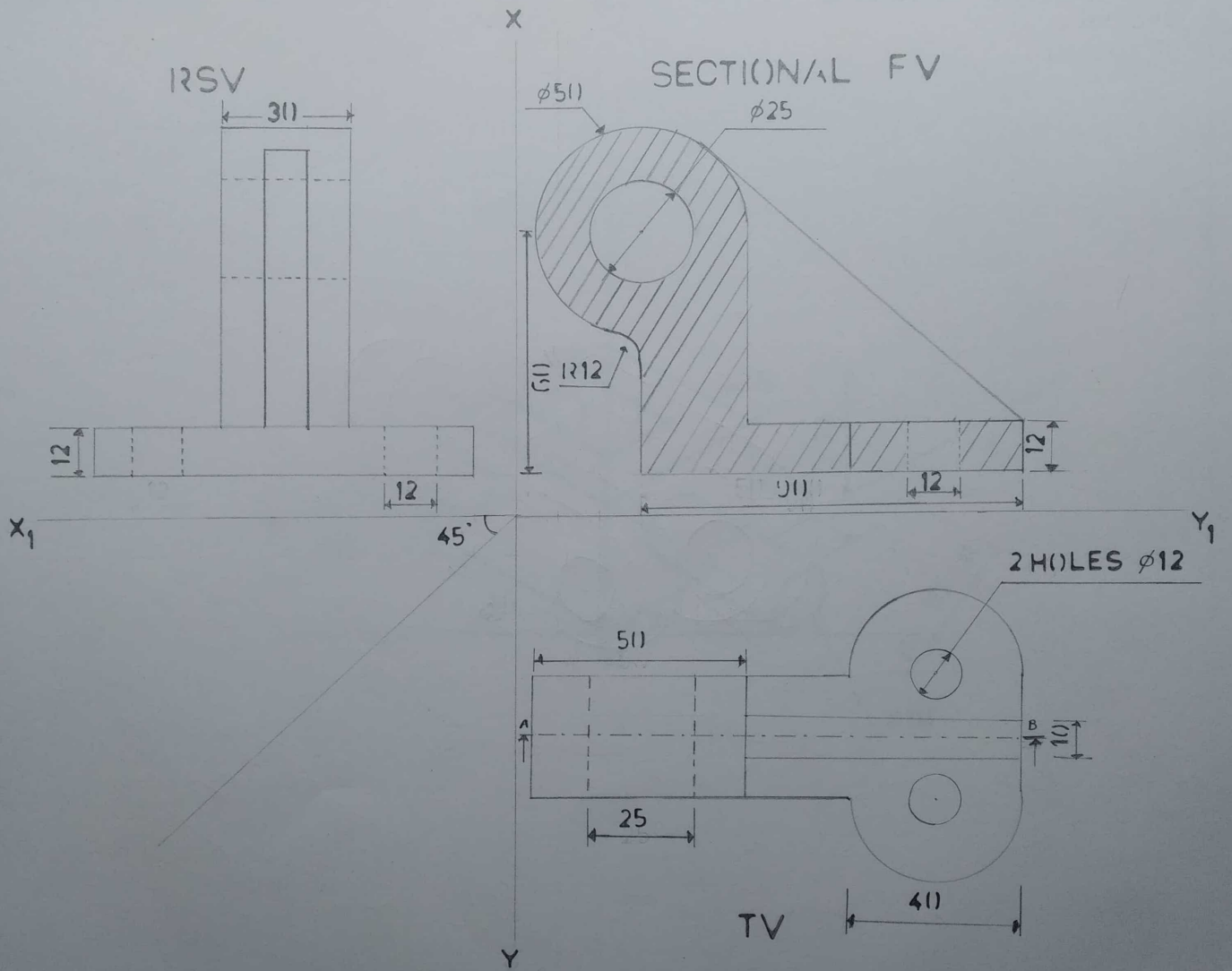
	Correct	Incorrect	Reasons for incorrect
(i)			<ol style="list-style-type: none"> <li>1. Arrow head not proportionate.</li> <li>2. Hole dimension shown in figure. Leader line not ends horizontally.</li> <li>3. Dimension '40' is too close.</li> <li>4. Placing dimensions methods mix. Dimension '40' is according to aligned method.</li> </ol>
(ii)	 <p>Dim. should be marked from visible outlines.</p>		<ol style="list-style-type: none"> <li>1. A key-way is shown with dotted line where the dimensions are placed.</li> <li>2. Leader line for the shaft diameter is drawn horizontal touching the boundary line.</li> </ol>
(iii)			<ol style="list-style-type: none"> <li>1. Dimensions are given from the mid-line of the object.</li> <li>2. Dimensions of holes are shown inside the figure.</li> <li>3. Dimensions are shown in vertical line.</li> <li>4. Smaller dimensions (25 mm) precedes the larger dimensions (30 mm).</li> <li>5. Filled radius is not shown.</li> </ol>
(iv)			<ol style="list-style-type: none"> <li>1. Dimension lines are used as extension.</li> <li>2. Dimensions are placed inside the view.</li> <li>3. Dimension 27 and 50 not written according to aligned system.</li> </ol>
(v)			<p>section overlap the dimension 21.</p>

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# ORTHOGRAPHIC PROJECTIONS



20DCS103



20DCS103

# ISOMETRIC VIEWS

