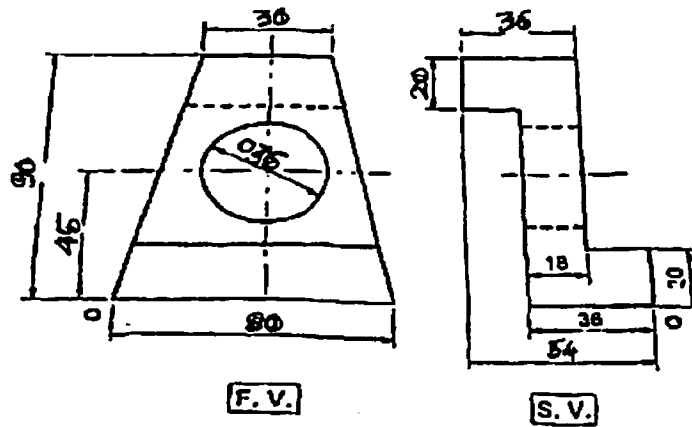




Q.3

Draw isometric view using following views.

[10]

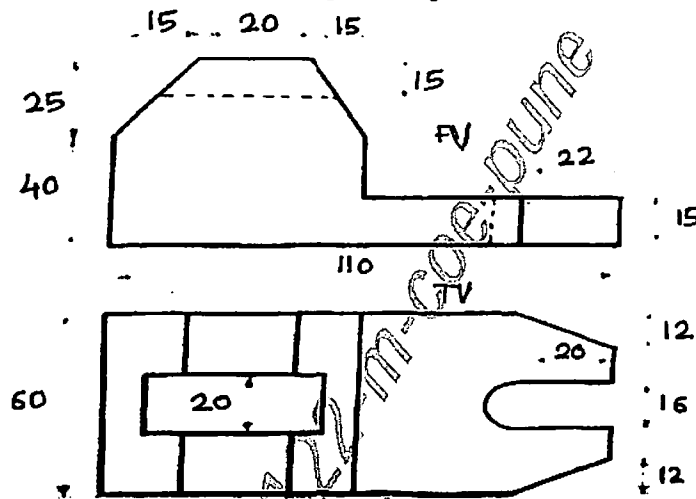


OR

Q.3

Draw isometric view using following views.

[10]



Q.4

A line AB 60 mm long is inclined at 30 degree to HP. Its end point A is 20 mm above HP and on the VP. End B is 50 mm Infront of VP. Draw the projection of line AB. find its truc length and locate the traces.

[10]

OR

Q.4

A pentagonal plane of side 30 mm rest on HP on one of its sides. The surface of pentagon makes 50 degree with HP and resting edges is inclined 35 degree to VP. Draw its projections.

[10]

Q.5

A pentagonal pyramid of base side 30 mm and axis 60 mm rest on corner of its base on HP such that its apex is 55 mm above the ground. The vertical plane containing the corner of base that lies on the HP and the axis is inclined at 30 degree to VP. Draw its projections.

OR

Q.5

A right circular cylinder, diameter of base is 50 mm and height is 70 mm rest on ground plane such that its axis is parallel to VP and inclined to HP at 45 degree. Draw its projections.

P.T.O.

Q.6 A cone base 50 mm diameter and axis 60 mm long is resting with its base on HP. It is cut by a section plane perpendicular to the VP and inclined at  $60^\circ$  to the HP and bisecting axis. Draw the development.

OR

Q.6 A hexagonal pyramid of side 35 mm and height 65 mm is resting on H.P. on its base with two of its base side perpendicular to VP. This is cut by a plane inclined at  $30^\circ$  to the HP and perpendicular to VP, intersects the axis at 30 mm above the base. Draw the development of the pyramid.

\* \* \* \* \*

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