

[illegible]

- Q6. A pentagonal prism, base 28 mm side and height 65 mm has an edge of its base on the H.P. and the axis parallel to the V.P. and inclined at 60° to the H.P. A section plane, having perpendicular to the vertical plane, and inclined at 60° to the horizontal plane and passing through the highest corner, cuts the prism. Draw the sectional top view and true shape of the section. (10)

UNIT-IV

- Q7. Draw the development of the surface of a hexagonal pyramid side of base 50 mm and vertical height 100 mm. (10)
- Q8. A vertical cylinder of 80 mm diameter is completely penetrated by another cylinder of 60 mm diameter their axes bisecting each other at right angles. Draw their projections, curves of penetration, assuming the axis of the penetrating cylinder to be parallel to V.P. (10)

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