

| Q4 | Draw the development of the lateral surface of the frustum of the square pyramid shown in figure below. <br> Draw the development of the lateral surface of the frustum a cone of base diameter 50 mm and axis 80 mm long resting on horizontal plane by its base, Take height of frustum 60 mm . | 10 | $\mathrm{CO2}$ |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { SECTION-C } \\ (2 Q \times 20 \mathrm{M}=40 \text { Marks }) \\ \hline \end{gathered}$ |  |  |
| Q1 | A hexagonal pyramid, base side 30 mm and axis 50 mm long, has its base on the V.P. and an edge of the base is perpendicular to the H.P. Draw its isometric view and develop its surface. | 20 | CO 3 |
| Q2 | A cone 40 mm diameter and 50 mm axis is resting on one generator on HP which is parallel to VP. Draw it's projections if it is cut by a horizontal section plane through it's base center. <br> OR <br> A pentagonal pyramid, base 30 mm side and axis 65 mm long, has its base horizontal and an edge of the base parallel to the V.P. A horizontal section plane cuts it at a distance of 25 mm above the base. Draw its from view and sectional top view. | 20 | CO4 |

