

|  | The front view of a 75 mm long line measures 55 mm . The line is parallel to the H.P. and one of its ends is in the V.P. and 25 mm above the H.P. Draw the projections of the line and determine its inclination with the V.P. |  |  |
| :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { SECTION-C } \\ \text { (2Qx20M=40 Marks) } \end{gathered}$ |  |  |  |
| Q10 | Draw the isometric view of a pentagonal prism, base 25 mm side and axis 50 mm long, resting on the V.P. with its axis perpendicular to the V.P. and one of its base sides parallel to H.P. Develop the surface of the prism. | 20 | CO 3 |
| Q11 | A square pyramid, base 40 mm side and axis 65 mm long, has its base on the H.P. and all the edges of the base equally inclined to the V.P. It is cut by a section plane, perpendicular to the V.P., inclined at $45^{\circ}$ to the H.P. and bisecting the axis. Draw its sectional top view, sectional side view and true shape of the section. <br> (OR) <br> A pentagonal prism, 30 mm base side \& 50 mm axis is standing on HP on it's base whose one side is perpendicular to VP. It is cut by a section plane $45^{\circ}$ inclined to HP, through mid-point of axis. Draw FV, Sectional TV \& Sectional SV. Also draw true shape of section. | 20 | CO4 |

