

| Q 12 | A Highway curve of 40 m radius connects two straights making a deflection angle of <br> $60^{\circ}$ the Chainage of the intersection point is 734 m. make out necessary calculations <br> for setting out the curve. The unit chord is 2 m. Draw the curve to scale. | $\mathbf{2 0}$ | $\mathbf{C O 4}$ |
| :--- | :--- | :---: | :---: |

