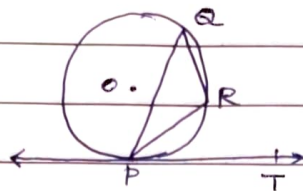
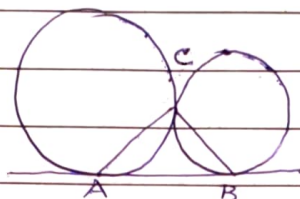


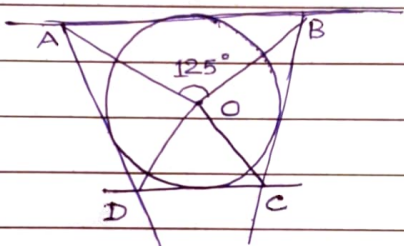
- ① PQ is a chord of a circle & PT is the tangent at P such that $\angle QPT = 60^\circ$. Then $\angle PRQ = ?$



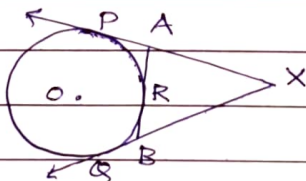
- ② Two circles touch each other externally at C & AB is common tangent of circles, then $\angle ACB$ is = ?



③

Find $\angle COD$.

- ④ In fig., XP & XQ are two tangents to the circle with centre O, drawn from an external point X. ARB is another tangent, touching the circle at R. ~~Prove~~ If $XP = 10\text{ cm}$, then find the Perimeter of $\triangle XAB$.



- ⑤ From an external point P, two tangents PT & PS are drawn to a circle with centre O & radius r. If $OP = 2r$, Show that $\angle OTS = \angle OST = 30^\circ$

