

Ex-14-A

$$23- \angle AOB = 5x = 5 \times 12 = 60^\circ$$

$$\angle BOC = x = 12^\circ$$

$$24- \angle y = 2 \times 36^\circ = 72^\circ$$

$$2\frac{1}{2}y = \frac{5}{2} \times 36^\circ = 90^\circ$$

$$3\frac{1}{2}y = \frac{7}{2} \times 36^\circ = 126^\circ$$

$$25- i) x = 45^\circ$$

$$ii) a = 15^\circ$$