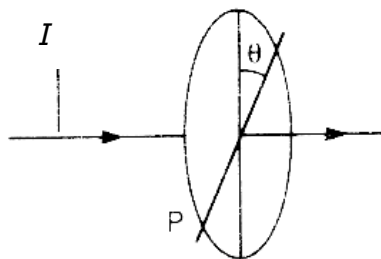


- 16 A plane-polarised light of intensity  $I$  is incident normally on the face of a Polaroid P whose polarising plane is  $\theta$  with respect to the plane-polarised light.



If the intensity of light emerging from P is  $\frac{1}{2}I$ , what could be the value of  $\theta$ ?

- |                      |                      |
|----------------------|----------------------|
| <b>A</b> $60^\circ$  | <b>B</b> $180^\circ$ |
| <b>C</b> $225^\circ$ | <b>D</b> $270^\circ$ |