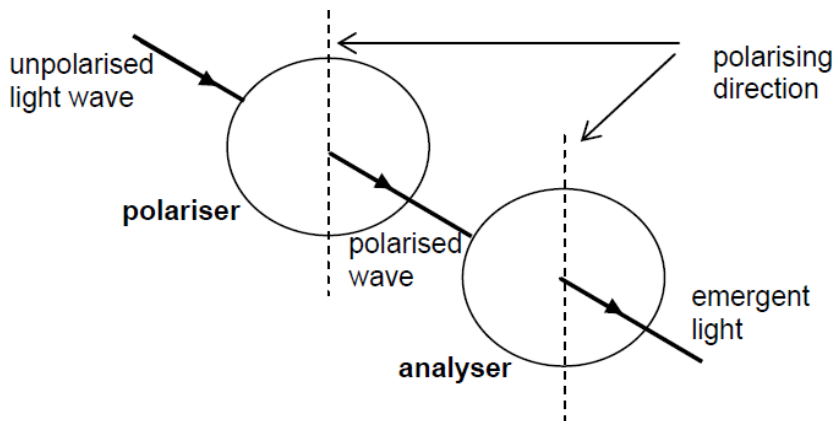


- 17 An unpolarised light wave is passed through two polaroids. Their polarising axes are aligned as shown.



The analyser could be rotated such that its polarising axis could be at different angles with respect to the polariser. Which of the following order of angles gives the correct order of increasing intensity of the emergent light?

- A  $0^\circ, 90^\circ, 135^\circ$
  - B  $0^\circ, 135^\circ, 90^\circ$
  - C  $90^\circ, 0^\circ, 135^\circ$
  - D  $90^\circ, 135^\circ, 0^\circ$
- 18 A guitar string of length  $l$  stretched between two ends is plucked. It is known that the speed