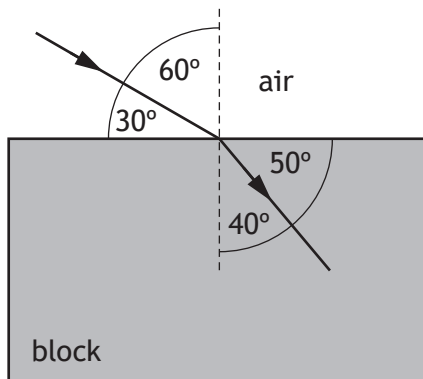**13.** A ray of blue light passes from air into a transparent block as shown.

The speed of this light in the block is

A $1 \cdot 80 \times 10^8 \, \text{m s}^{-1}$

B $1 \cdot 96 \times 10^8 \, \text{m s}^{-1}$

C $2 \cdot 00 \times 10^8 \, \text{m s}^{-1}$

D $2 \cdot 23 \times 10^8 \, \text{m s}^{-1}$

E $2 \cdot 65 \times 10^8 \, \text{m s}^{-1}$.