

**25** A wave has a speed of  $340 \text{ m s}^{-1}$  and a period of  $0.28 \text{ ms}$ .

What is its wavelength?

**A**  $0.095 \text{ m}$

**B**  $95 \text{ m}$

**C**  $1.2 \times 10^3 \text{ m}$

**D**  $1.2 \times 10^6 \text{ m}$

**26** Which line in the table summarises the change in wave characteristics on going from infra red to