

**24** Which statement describes a situation when polarisation could **not** occur?

- A** Light waves are reflected.
- B** Light waves are scattered.
- C** Microwaves pass through a metal grid.
- D** Sound waves pass through a metal grid.

**25** A stationary sound wave is produced in a tube.

Which statement describes the wave speed?

- A** It is the distance between two adjacent nodes divided by the period of the wave.
- B** It is the speed at which energy is transferred from one antinode to an adjacent antinode.
- C** It is the speed of a particle at an antinode.
- D** It is the speed of one of the progressive waves that are producing the stationary wave.

**Space for working**