

23 Which statement about progressive longitudinal waves is **not** correct?

- A** The oscillations of the particles are parallel to the direction of travel of the wave energy.
- B** They have a series of nodes and antinodes.
- C** They need a medium through which to travel.
- D** They transfer energy.

24 A bicycle gear wheel is a disc with 50 'teeth' equally spaced around its edge, as shown. The gear