

- 16** A taut wire is set into resonance with a node at either end as well as another single node at the centre of the wire.

Which one of the following statements is *not* correct?

- A** The wavelength of the wave on the wire is equal to the length of the wire.
- B** All points to one side of the centre vibrate in phase with one another.
- C** Any two points on either side of the centre have a phase difference of 90° .
- D** Two points equidistant from the centre on either side of the centre have the same amplitude of vibration.