

- 17** Which of the following statements about two consecutive antinodes in a stationary wave is false?
- A** Their oscillations are in phase with each other.
 - B** Both particles at the antinodes will pass through their equilibrium positions with same speed.
 - C** The acceleration of the particles are always equal in magnitude and opposite in direction.
 - D** Both have maximum energies since the amplitudes of oscillations are maximum.