

**25** In an experiment, a stationary wave is formed on a string stretched horizontally between two fixed points.

Which statement about the experiment is correct?

- A** At certain times, the string between two nodes is horizontal with all points having zero displacement.
- B** Each point on the string between two antinodes has an oscillation of the same amplitude.
- C** The number of nodes is equal to the number of antinodes.
- D** Two adjacent antinodes oscillate in phase.