

- 17** The diagram shows a wave travelling from left to right at a frequency of 200 Hz. Two particles in the wave labelled X and Y are separated by a distance of 50 m.



Which of the following statement is correct?

- A** At X, the air pressure is minimum.
- B** At Y, it is a position of antinode.
- C** At X, the air molecule is moving to the right.
- D** At Y, the air molecule is momentarily at rest.