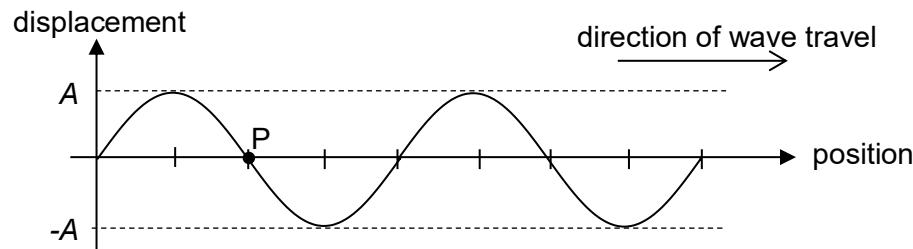


- 15 The displacement-position graph of a progressive wave is shown below. Particle P is a point along the wave.



Which of the following statements is **true** about particle P at the instant shown in the graph?

- A It is moving towards the negative direction.
- B It has zero velocity.
- C It has an amplitude of A .
- D It is experiencing the largest acceleration.