

- 4** An object of fixed mass is initially at rest at point P. The object then moves away from point P with uniform acceleration.

Which statement describes the resultant force acting on the object when it is moving?

- A** It increases uniformly with respect to time.
- B** It is constant but not zero.
- C** It is proportional to the displacement from point P.
- D** It is zero.

- 5** A particle is at rest at point P. If the particle is to move with uniform acceleration, which of the following must be true?