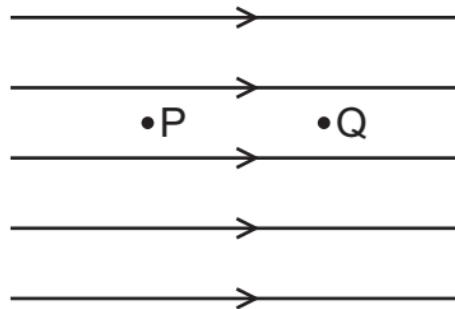


- 32 A uniform electric field is represented by five horizontal field lines.



P and Q are two points in the field. The field causes a positively charged particle in a vacuum to move from P to Q.

Which statement must be correct?

- A The acceleration of the particle between P and Q is increasing.
- B The kinetic energy of the particle at P is the same as the kinetic energy of the particle at Q.
- C The force on the particle at Q is greater than the force on the particle at P.
- D Work is done on the particle as it moves from P to Q.