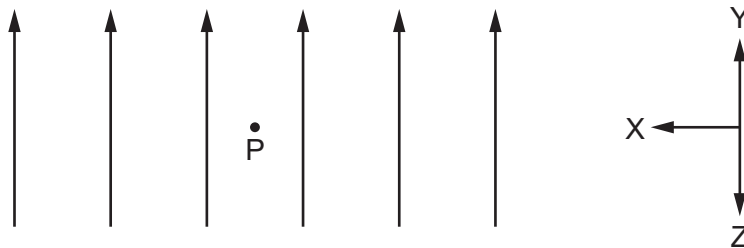


30 A positively charged particle P is in an electric field, as shown.



The field lines (lines of force) are evenly spaced and parallel.

Which statement is correct?

- A** Moving P a small distance in any direction will not change the electric force on P.
- B** Moving P a small distance in direction Y will increase the electric force on P.
- C** Moving P a small distance in direction Z will increase the electric force on P.
- D** Moving P a small distance in direction X will increase the electric force on P.