

25

Two equal and opposite point charges are placed at X and Y. P is located at the mid-point between X and Y. Q and R are two points located between P and Y as indicated below. Given that the magnitude of the electric field strengths at P, Q and R are E_P , E_Q and E_R respectively.



Which one of the following statements is correct?

A

$$E_P = 0$$

B

$$E_Q > E_R$$

C

$$E_R > E_Q$$

D

$$E_P = E_R$$

