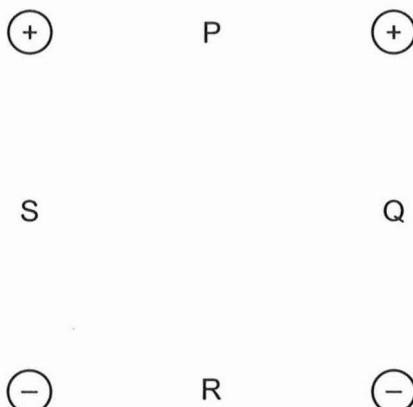


- 25 Four point charges, equal in magnitude and with signs as shown, are placed at the corners of a square. The positions P, Q, R and S are the mid-points of the lines joining the charges.



Which statement correctly describes the directions of the resultant electric field at the positions P, Q, R and S?

- A the same at all four positions
- B P the same as at R, Q the same as at S but opposite to the directions at P and at R
- C P the same as at Q, R the same as at S but opposite to the directions at P and at Q
- D different at all four positions