

Problem 2) Two point charges 3C and 2.5 C are placed at point A (1, 1, 2)m and B (0, 3, -1)m respectively. Find out electric field intensity at point C(3, 3, 3)m.

1) $2540\hat{i} + 1720\hat{j} + 1720\hat{k}$ N/C.

2) $2540\hat{i} + 2000\hat{j} + 2000\hat{k}$ N/C.

3) $2540\hat{i} + 2000\hat{j} + 1720\hat{k}$ N/C.

4) $1720\hat{i} + 2000\hat{j} + 2540\hat{k}$ N/C.

Ans) 3