

JEE MAIN ELECTRIC CHARGES AND FIELDS — ELECTRIC FLUX — PYQS

Max. Marks: 4

Questions: 1

Section B (Numerical) — 1 question

- Q.1** The electric field in a region is given by $\vec{E} = (2\hat{i} + 4\hat{j} + 6\hat{k}) \times 10^3 \text{ N/C}$. The flux of the field through a rectangular surface parallel to x-z plane is $6.0 \text{ Nm}^2\text{C}^{-1}$. The area of the surface is _____ cm^2 .

[JEE Main 2025 (Online) 7th April Evening Shift]

Scan or tap for the
full solution

ANSWER KEY

Ques.	1											
Ans.	15											