B.Sc Part-I

conductivity

To measure how conducting a substance is, a term called conductivity σ has been introduced. It is the reciprocal to the specific resistance ρ

$$\therefore \sigma = \frac{1}{\rho}$$

unit of conductivity is $\rightarrow (\Omega m)^{-1}$

conductivity measures the electrically conducting a substance.

specific resistance depends on the temperature of a substance

Diffusion

The process of movement of particles from their higher concentration to their lower concentration is called diffusion

e.g → Spraying perfume & it can be smelt at on place