

NEET PHYSICS

Fundamental SI Units

There were various Measurement system existed among various regions:

- MKS – Meter, Kilogram, Second system
- CGS – Centimeter, Gram, Second system
- FPS – Foot, Pound, Second system

In 1960, at the 11th General Conference on Weights and Measures (CGPM) held in Paris, France, representatives from many countries officially adopted the International System of Units (SI).

1) What are Fundamental SI Units ?

A fundamental SI unit (base SI unit) is an independently defined unit of measurement for a basic physical quantity that is not derived from any other SI unit.

There are seven Fundamental SI units for Physical Quantities

QUANTITY	SI UNIT	SYMBOL
LENGTH	Meter	m
MASS	Kilogram	kg
TIME	Second	s

ELECTRIC CURRENT	Ampere	A
TEMPERATURE	Kelvin	K
AMOUNT OF SUBSTANCE	Mole	mol
LUMINOUS INTENSITY	Candela	cd

