

S.I. Units of Physical Quantity

S. No	Quantity	SI	Symbol
1.	Length	meter	M
2.	Mass	kilogram	Kg
3.	Time	second	S
4.	Work and Energy	joule	J
5.	Electric current	ampere	A
6.	Temperature	kelvin	K
7.	Intensity of flame	candela	Cd
8.	Angle	radian	Rad
9.	Solid angle	steradian	Sr
10.	Force	newton	N
11.	Area	square meter	V
12.	Volume	Cubic meter	m ³
13.	Speed	meter per second	ms ⁻¹
14.	Angle Velocity	radian per second	rad s ⁻¹
15.	Frequency	Hertz	Hz
16.	Moment of inertia	kilogram Square meter	kgm ²
17.	Momentum	kilogram meter per second	Kg ms ⁻¹
18.	impulse	newton second	Pa
19.	Angular Momentum	kilogram square meter per second	Kgm ² s ⁻¹
20.	Pressure	pascal	Pa
21.	Power	watt	W
22.	Surface tension	newton per meter	Nm ⁻¹
23.	Viscosity	newton second per square m	N.s.m ⁻²
24.	Thermal Conductivity	watt per meter per degree celsius	Wm ⁻¹ C ⁻¹
25.	Specific Heat capacity	joule per kilogram per Kelvin	Jkg ⁻¹ k ⁻¹
26.	Quantity	SI	Symbol
27.	Electric charge	coulomb	C
28.	Potential Difference	volt	V
29.	Electric	Resistance	Ohm
30.	Electrical Capacity	farad	F
31.	Magnetic Induction	henry	H
32.	Magnetic Flux	weber	Wb
33.	Luminous Flux or photometric power	lumen	lm