

## 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 <sup>3</sup>
13.	Speed	meter per second	ms <sup>-1</sup>
14.	Angle Velocity	radian per second	rad s <sup>-1</sup>
15.	Frequency	Hertz	Hz
16.	Moment of inertia	kilogram Square meter	kgm <sup>2</sup>
17.	Momentum	kilogram meter per second	Kg ms <sup>-1</sup>
18.	impulse	newton second	Pa
19.	Angular Momentum	kilogram square meter per second	Kgm <sup>2</sup> s <sup>-1</sup>
20.	Pressure	pascal	Pa
21.	Power	watt	W
22.	Surface tension	newton per meter	Nm <sup>-1</sup>
23.	Viscosity	newton second per square m	N.s.m <sup>-2</sup>
24.	Thermal Conductivity	watt per meter per degree celsius	Wm <sup>-1</sup> C <sup>-1</sup>
25.	Specific Heat capacity	joule per kilogram per Kelvin	Jkg <sup>-1</sup> k <sup>-1</sup>
26.	Quantity	SI	Symbol
27.	Electric charge	coulomb	C
28.	Potential Difference	volt	V
29.	Electric Resistance	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