

2. **Joule:** It is work done by 1 N force in displacing a body by 1 meter in a direction of force.
3. **Watt:** It is power which produces energy at a rate of one joule per second.
4. **Coulomb:** It is the quantity of electricity transported by a current of one ampere in one second.
5. **Volt:** It is the potential difference between two points of a conducting wire carrying a constant current of one ampere when the power dissipated between these points is equal to one watt.
6. **Ohm:** It is the electrical resistance between two points of a conductor which have a potential difference of 1 volt between them when a current of 1 ampere flows through it.
7. **Farad:** It is the capacitance of the capacitor having a potential difference of 1 volt between its plates when a charge of one coulomb is given to it.
8. **Henry:** It is the inductance of a closed circuit in which an e.m.f of 1 volt is induced when the rate of change of current in the circuit is 1 amp/sec.
9. **Lumen:** It is luminous flux emitted by a source of one candela in unit solid angle.

The above mentioned international system of units (S.I) are now extensively used for the scientific measurement.