## Units of Measurement

129 Administrator Wed, Apr 17, 2019 Education, General Knowledge, Science 1 7616

## **Units of Measurement**

**Ampere** – Unit of electric current.

**Angstrom** – The unit of wavelength of light.

**Bar** – It is the unit of atmospheric pressure; one bar is equal to pressure of  $1.013 \times 10^5$  N/m<sup>2</sup>.

Calorie – The unit of heat.

**Coulomb** – Practical unit of quantity of electricity is called a Coulomb, 1C = 1 A.s.

**Decibel** – The commonly known unit of loudness of sound.

**Dyne** – C.G.S. unit of force.

**Erg** – The unit of work or energy in C.G.S. system of units.

**Fared** – The unit of the capacity of a condenser is farad.

**Foot Candle** – The unit of brightness of light is called a Foot candle.

**Horse Power** – The practical unit of power is 1 H.P. – 746 watts.

**Joule** – It is unit of work or energy in SI system. It is equal to  $10^7$  ergs.

**Knot** – It is a measure to know the speed of a ship.

**Light year** – It is the distance which the light covers in vacuum in one year. (1 Light year  $-9.46 \times 10^{15}$ m)

**Nautical Mile** – A unit of distance used I navigation- one minute of longitude measured along the Equator. It comes approximately to 6,080 feet.

**Newton** – Unit (written as Newton) of force in the meter-kilogram-second (MKS)

system.

**Ohm** – Unit (written as ohm) of electrical resistance of a conductor.

**Quintal** – Metric measure of weight, 1 quintal – 100 kg.

**Volt** – The unit (written as volt) of potential difference.

Watt – Unit (written as watt) of power.

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