

Answers

A1. One kilogram was defined as the mass of a cylinder of platinum alloy, ~~isidium~~ platinum iridium, alloy kept at the international bureau of weights and measures at severs near paris.

~~A2~~ S.I. unit of mass is kilogram (kg).

i) Quintal - 1 quintal = 100 kg

ii) Metric ~~ton~~^{tonne} - 1 metric tonne - 10 quintal = 1,000 kg

iii) 1 gram = 1/1000 kg or 1,000 mg

A2. The interval between 2 instances or events is called time. We measure time in terms of the mean solar day. S.I. unit of time is second (s).

i) Minute - 1 min = 60 sec

ii) 1 hr = 60 min = 3600 sec

iii) 1 day = 24 hr = 86,400 sec

iv) 1 yrs = 365 days = 3.15×10^7 sec.

A3. The temperature is the measure of degree ($^{\circ}$) of hotness or coldness of an object. S.I. unit of temperature is Kelvin (K). 2 most commonly units are Degree celcius ~~and~~ ($^{\circ}\text{C}$) and Degree Fahrenheit ($^{\circ}\text{F}$).