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## Physical quantities and measurements

Q1) Differentiate between clinical and laboratory thermometer.

Clinical thermometer	Laboratory thermometer
* Used to measure human body temperature	* Used to measure temperature in the laboratory
* It has kink, which prevents immediate backflow of mercury.	* <del>It does</del> It does not have a kink.

Q2) With the help of a well diagram labelled diagram describe a clinical thermometer.

Ans-



Clinical Thermometer

A clinical thermometer is a thermometer used to measure human body temperature. Most made in the 20th century are mercury-in-glass thermometers. They are accurate and sensitive, having a narrow scale

where the mercury level rises very fast. A kink in the tube stops the mercury level from falling on its own.

Q3) List the units of temperature:-

Ans There are 3 units of temperature they are:-

\* Fahrenheit ( $^{\circ}\text{F}$ )

\* Celsius ( $^{\circ}\text{C}$ )

\* Kelvin ( $^{\circ}\text{K}$ )