

~~11/7/21~~
~~HW~~

Q Describe the parts of electronic balance

Ans Electronic balance measure the mass automatically without any ~~prior~~ ~~prior~~ setting or using a separate weight box. They directly ~~no~~ measure the mass of the object and display it in the digital form ~~on~~ the screen. An electronic balance has three parts

> The structure = It is the load bearing part which transfers the load of the object to the load ~~cell~~ cell.

> The load ~~cell~~ cell = It converts the

lead into electrical standards.

> The signal ~~and~~ ~~conditioner~~ = It is the electronic part which processes the signal and displays the mass.

Q What are standard weights?

The standard units of weights are milligram, gram, metric, tonne, kilogram, quintal.

3Q Give some examples what do you mean by mean solar day.

Ans A solar day is the time taken by the earth to complete one rotation about its own axis. The mean of 365 solar days in a year is called the mean solar day.

Q The unit of time in MKS and CGS system is second.

Q How can you measure short time interval?
Ans The short time interval of an event is measured with the help of a stop watch. ~~They~~ They have arrangement 'to start', 'to stop', and 'to reset at zero'.