

hw

ch-2

Dt-9/7/2021

Q) Describe the parts of electronic balance.

Ans- The parts of a electronic balance are :-

- 1) The structure- It is the load bearing part which transfers the load of the object to the load cell.
- 2) The load cell- It converts the load into electrical signals.
- 3) The signal conditioner- It is the electronic part which processes the electrical signal and displays the mass.

Q) What are standard weights?

~~Give some examples what do~~

~~you mean solar day.~~

Ans Standard weights are ~~used~~ used

to ~~measure~~ measure the mass of an

object and ~~it is used~~ ~~the~~

there are weights like 20 kg,

10 kg, 5 kg, 2 kg and 1 kg and the

smaller weights are like

500 g, 200 g, 150 g, 20 g, 10 g

and 5 g.

Q) The unit of time in MKS and CGS system is : Second (s)

Q) How can you measure short time interval?

Ans- ~~The~~ we can measure short time interval by using a stopwatch or a stop clock.