

Q- Describe the parts of electronic balance.

- The structure: It is the load bearing part which transfers the load of the object to the load cell.
- The load cell: It converts the load into electric signals.
- The signal conditioner: It is the electronic part which processes the electric signal and displays the mass.

Q- What are standard weights? Give some examples.

Ans- Standard weights are used to measure the mass of an object.

Ex- 20 kg, 10 kg, 5 kg, 2 kg, 1 kg
200 gram etc

Q Give some examples what do you mean by mean solar day?

Ans- Ex- The Earth takes 365 days or 1 year to complete one revolution. This mean of 365 days is known as mean solar day.

Q The unit of time in MKS and CGS is second (s).

Q How do we measure short time interval?

Ans- We measure short time interval by using stop clock, stop watch and electronic stop watch.