

Home Assignment - 07.07.2021

Q Describe the parts of electronic balance?

ans- The Structure - It is the load where it transfers the object to load cell.

The load cell - It helps transfer the load to the electronic signals.

The signal conditioner - It is the electronic part which processes electronic signal and displays the mass.

Q. What do you mean by standard weight? Give some examples.

ans- To measure the mass of an object, standard weights are used. Ex- 5gr, 1kg, 10kg, 2gr etc.

Q. What do you mean by solar day.

ans- A solar day is the time taken by the earth to earth to complete one rotation about its own axis.

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

Q How can you measure short time intervals.

ans- The short time interval of an event is measured with the help of a stop watch or stop clock.

- Stop watch has arrangements to start, to stop and reset at 0.

- A electronic stop is more accurate than a mechanical stop watch.

- ~~These~~ ^{Some} watches are usually used in sports field like electronic stop watch.

- It can measure time interval accurately up to 0.01s. It doesn't have

Date ___ / ___ / ___

Saathi

min or sec arm, it display the
time digitally.

