

Hw
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Q) Describe the parts of electronic balance?

Ans. The electronic balance has three parts:

- a) the structure - It converts the weight of the object into the load cell.
- b) the load cell - It converts the load force into electrical signals.
- c) Signal conditioner - It is the part of electronic balance which shows us the weight of mass in digital way.

Q) What are standard weights?

Ans. When we go the shop to buy things the shopkeeper gives the things by weighing in a beam balance physical balance. In the first side he keep the things and in the other side he keeps the iron

Stones like structures. They are called the standard weights. There are of many types like: 1 kg, 5 kg, 10 kg, 50 kg, etc. ~~the stand~~

Q) Give some examples what do you mean by mean solar day:

A) The time between successive meridian transits of the Sun at a particular place. On earth, a solar day is around 24 hours. Example: 6 June 1944. date of the allied landing in France, World

Q) ~~The unit of~~ War II.

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

Q) How can you measure short time interval?

A) To measure short time interval we can use certain devices like stop watch, ~~pendulum~~ ~~clock~~, etc.

Q3 What do you mean by mean solar day?

A3 The time taken by the earth i.e. 24 hours which is needed to complete one rotation is called mean solar day.