

W
5/7/21

Q1) Describes the parts of electronic Balance.

ans: The parts of the electronic Balance are:

The Structure = It is the load bearing part which transfers load of the object to the load cell.

Load Cell = It ~~is~~ converts the load into electrical signals.

The signal conditioner: It is the electronic part ~~of~~ which processes the ^{electrical} signals ~~signal~~ and displays the mass.

Q. What are standard weights? Give some examples.

ans: To measure the mass of an object, standard weights are used. Standard weights are of 20 kg, 10 kg, 5 kg, 2 kg. However, smaller weights are also available such as 500 g, 150, 20 g, 10 g and 5 g.

Q. What do you mean by Mean Solar Day?

ans: A Mean solar day means a one Earth year or 365 Earth days.

Q. The unit of time in M.K.S. and C.G.S. system is second.

Q. How can you measure short time interval?

ans: The Electronic stop watch is very different from a Mechanical stop watch. It can measure time interval ~~more~~ accurately up to 0.01 secs. ~~It is the other hand~~. There is no minute or second term.

Date

Page No.

On the other hand, Int has a digital display screen.