

H/W Describe the parts of electronic balance

ans. A electronic balance has 3 parts.

- ① The structure: It is the load bearing part which transfer 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 display mass.

① What are standard weights? Give examples.

ans. For measuring objects standard units are used. Ex - 20 kg, 500 g, 2 kg, 1 kg, 10 g etc.

② What do you mean by solar day?

ans. A solar day is the time taken by the earth to complete one rotation about its own axis. ~~The~~ ^{The} mean of 365 ^{solar} ~~days~~ days in a year is called the mean solar day.

③ The unit of time in MKS and CGS system is second.

④ How can you measure short time interval?

ans. We can measure short time interval using the stop watch or stop clock.