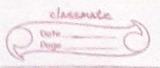
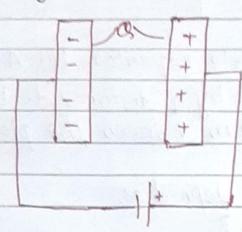
## capacitoxs



\* capacitors - It is a conductor/device which is used to store electric charge (electrical energy).

Parallel plate capacitos: - It consist of two conducting plates placed near one another separated by voccum, air or any other medium (dielectric).



QXV [where V-) potential diff. between the plates of capacito:

where 'c'is constant which is called capacitance of a capacitor.

capacitance: It is the ability of capacitor to store

It is the amount of charge of a plate necessary to produce potential difference of one volt behoven the plates.

S.I unit of capacitance:

we Know, Q=CV

=) c = 9/v = c = cv-lor Forod CF).

