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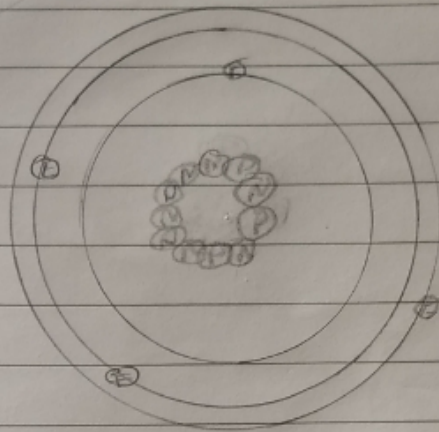
science 12. Electric current

* Definition of :-

- 1) Matter - Matter is any substances that has mass and takes up space by having volume.
for example - A car is made up of matter, pen, etc
- 2) Electric current - when electric flow through a wire they give rise to an electric current.
- 3) Atom - All things are made up of matter, which in turn is made up of smaller particles called atom.
- 4) sub-Atomic particles. Atoms are made of three smaller particles called the sub-Atomic particles.
- 5) Protons - Protons are positively charged sub-atomic particles and it is located in the center of the atomic nucleus.
- 6) Electrons - Electrons are negatively charged atomic particles and it mass around the nucleus of atom.

* Diagram

1) An Atom:-



2) Electric cell:-

