

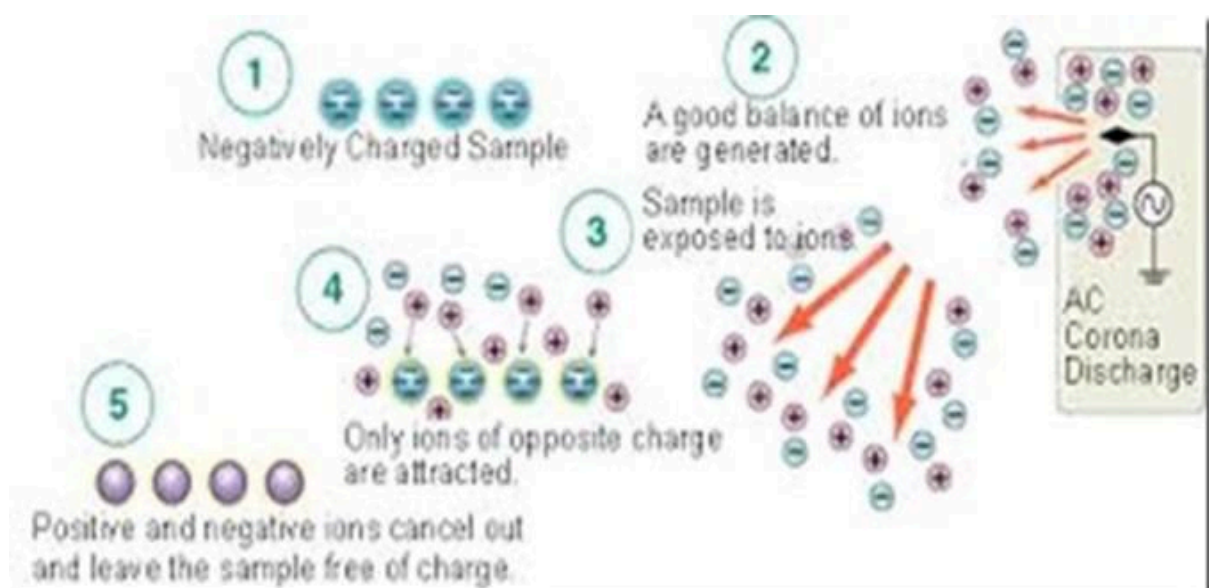
Derek's Joke 1

Static electricity is an imbalance of electric charges within or on the surface of a material.

The charge remains until it is able to move away by means of an electric current or electrical discharge.

For modeling the effect of static discharge on sensitive electronic devices, a human being is represented as a capacitor of 100 picofarads, charged to a voltage of 4,000 to 35,000 volts.

When touching an object this energy is discharged in less than a microsecond



**Are you having a little trouble understanding this?
If so , the next photo may help.**



That is static electricity.