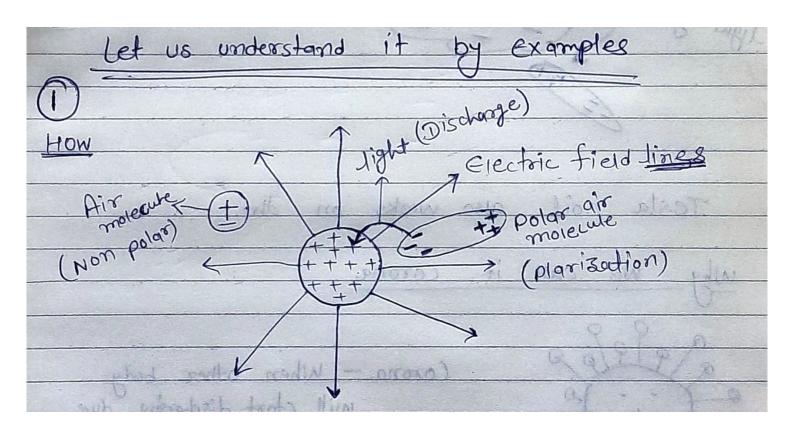
## Corona discharging Banshidhar Sharma. 20211186 Corona discharge - It is a process of discharging air molecules when they come near a highly charged body or near high voltage. Corona inception voltage i) corona inception voltage is the lowest voltage at which continuous corona specified pluse amlitude occurs as the applied voltage is gradually increased ii) corona inception voltage decreases as the frequency of the applied force voltage increases. iii) corona can occur in applications as low as 300 V.



It Because of the electrostatic force due to highly charged body on electrons of air molecules, Air molecules will move towards the highly charged body and air molecules become polarized and after some time

Corona discharging Banishidhar CHATTEN ? 2011186 electrons are transferred to the highly charged body and the sight is produced at the time of transferring. Which is called discharging 2 senta inception voltage When the clouds move one over the other due to Storm, then due to rubbing. a charge comes on the cloud, let assume that it is negative which is Shown in the figure. Then again same process will happen but now on negative charge from the clouds move towards the particle the from the clouds.

