

Use of active transport $\Rightarrow$ Pump

Use of passive transport $\Rightarrow$ Gate or channel

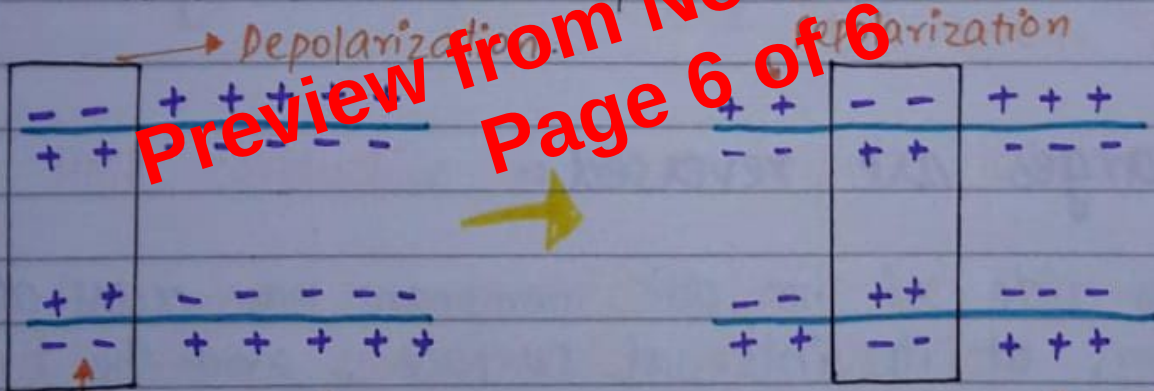
6

4) $33^{\sim}$ Membrane Potential:-

AMP of $+0.05$ Volts ($+50\text{mv}$) exists.

These changes occur along the length of neuron till the impulse reaches synapse.

Soon after passage of impulse, the RMP is restored by the movement of a small number of ions especially K^+ moving out. This neuron now is ready to conduct another impulse.



open of Na^+ & K^+ pump
open of K^+ gate.