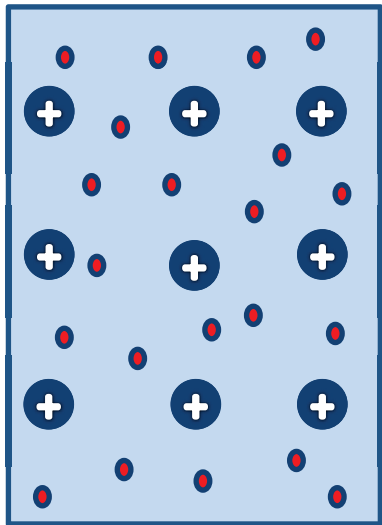


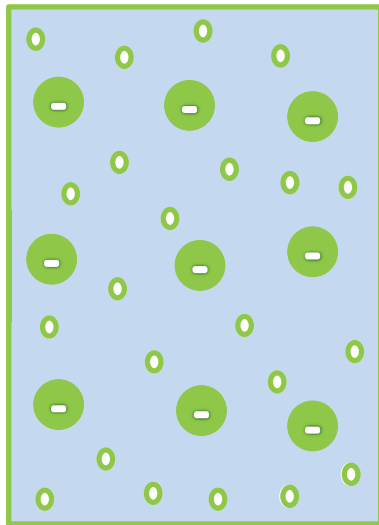




**N-Type**



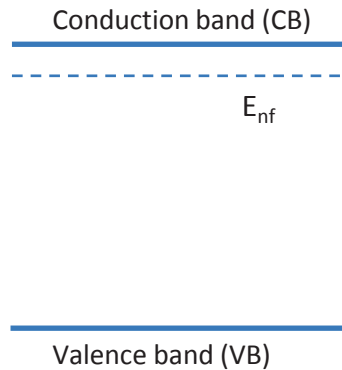
 Negatively charged electrons  
 Positively charged immobile ions

**P-Type**



 Positively charged holes  
 Negatively charged immobile ions

**N-Type**



**P-Type**

