

p – n Junctions

- 1) one side of an semiconductor such as or with group - or or or and form-type
- 2) the other side of the semiconductor such as or with group - or or and form-type
- 3) The between the-type end of the semi conductor and the-type end of the semiconductor is called the junction.
- 4) The '.....' will diffuse from the-type end to the-type end across the junction.
- 5) The free will diffuse from the-type end to the-type end across the junction.
- 6) Due to this diffusion, and free will combine and form a region without
- 7) This region is called the layer or the region
- 8) More free will enter the side of the region and makes it
- 9) More '.....' will enter the side of the region and makes it
- 10) This will generate a difference or difference across the
- 11) Therefore charge will not move across the
- 12) This is called the "..... barrier"
- 13) In semiconductors made up of, the barrier will beV
- 14) In semiconductors made up of, the barrier will beV



