

Macromolecules

monomer - unit of structure
that makes up
a polymer

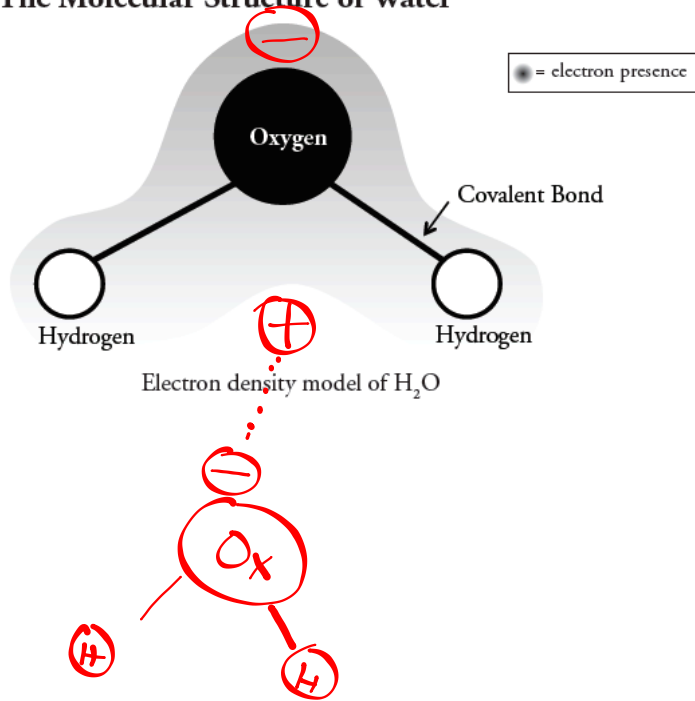
Enzyme - protein
monomer → polymer
- amino acids

Hydrophilic - polar \oplus \ominus
so form hydrogen bonds
w/ H_2O

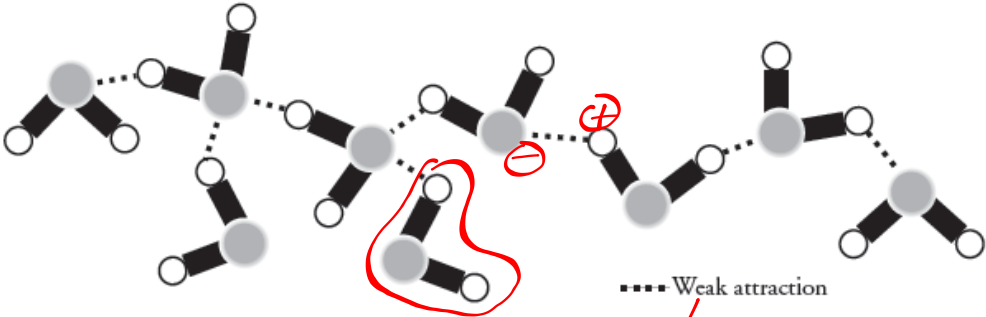
Hydrophobia - non polar -
CAN'T form hydrogen
bonds w/ H_2O

Model 1 – The Molecular Structure of Water

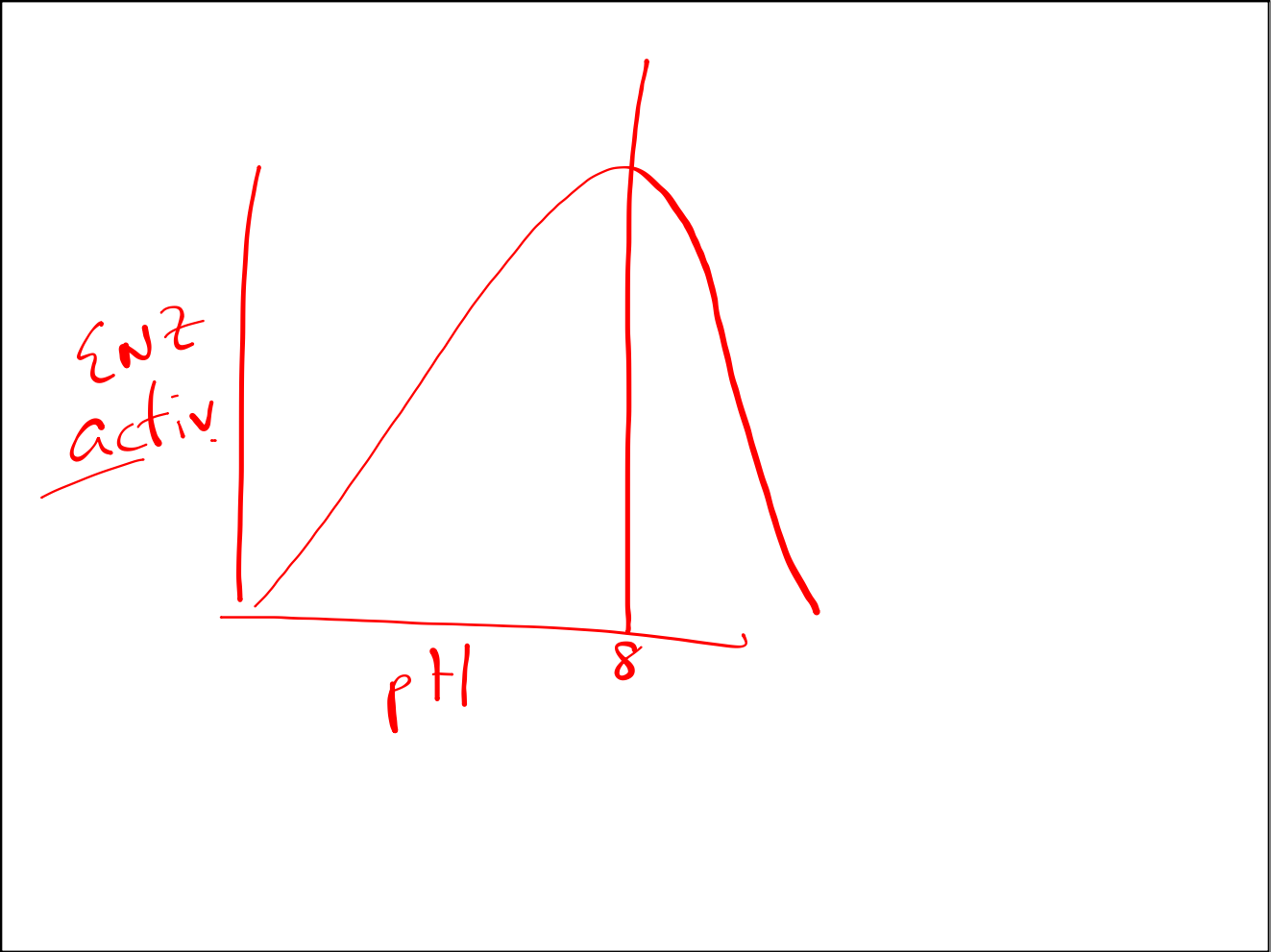
polar

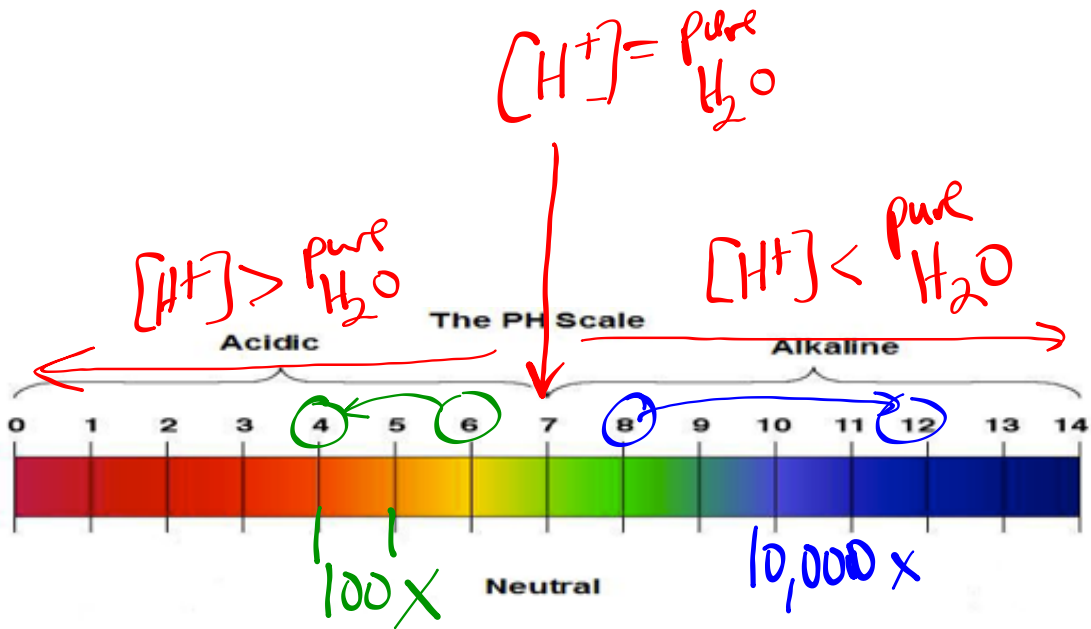


Model 2 – Attraction of Water Molecules

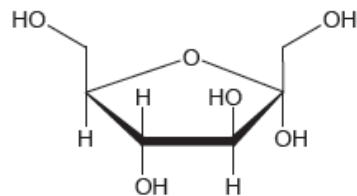
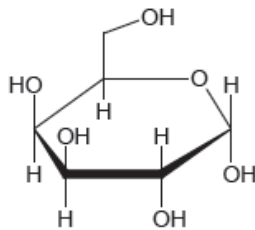
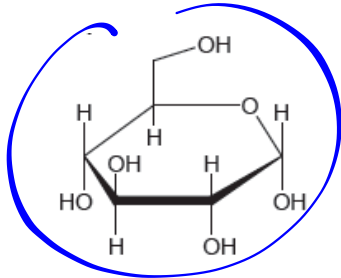


hydrogen bond





C, H, O - Carbohydrates



Lipid

