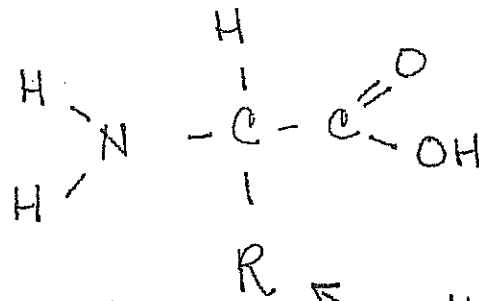


# Amino Acids

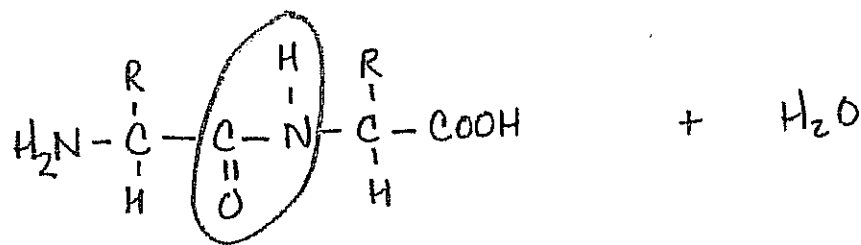
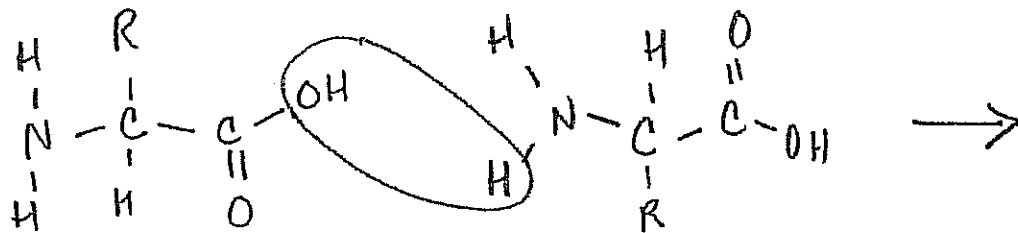


this varies between amino acid  
determines unique properties  
attachment site of prosthetic gr

Essential - must obtain in our diet } All necessary  
Nonessential - body can synthesize } to make  
proteins

Look at chart of amino acids - note differences  
in side chains:  
nonpolar, polar uncharged, polar charged.

# Amino acids & Proteins



peptide bond : (covalent)

Polypeptide = amino acid chain

Protein = polypeptide(s) that carry out a function.

Structural  
enzymatic  
hormonal  
cell membrane

} examples of functions