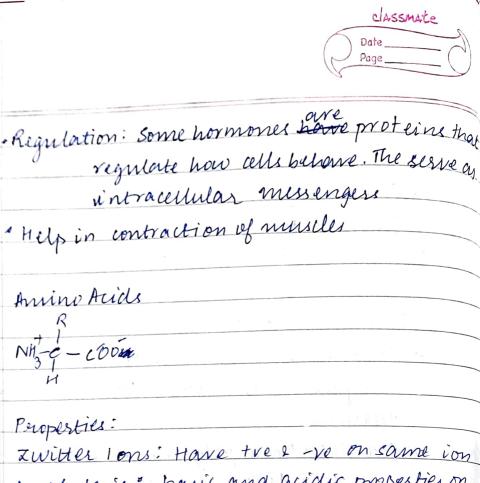




- Sucrose is the sugar we use in houses. - Suirose: «-Glucuse, B-Fructose → GILLOSE + «GILLOSE → Maltose C1-4 glycosidiclinkage → «GIMCOSE + BFructose -> Sucrose (1-2 glycosidic linkage) -> Guisse + Galactose → Lactose Polysacchasides: - Polymers of mono-sacehasides - Some function as short-term energy storage molecule. -> Starch: · Homopolymer (multiple 1 - 4 linkages) · Linear : Amylose & Amylopectin · Stor Plants store glucose as starch. - Glycogen: Branched (1-6 linkage) · Animale store glucese às glycogen -> chitin : Polymers of modified glucose (at C-2 and the molecule is added Cellulose: linear (B 1-4 linkage) · Have H-bonds o Prisent in cell walls of plant cells. · Atternate monomers are upside dawn. Proteins: Made of aminoacids Functions: · Suppost: Structural function (Gives strength) · Transport: They regulate entry and exit of Substances in a cell:

· Defense: Antibodies are proteins. to Theyonewhilize antigen (boreign substance)



Peroperties:

• Zwitter Ions: Have the 2 -re on same ion

• Amphoteric: basic and acidic properties on same

• Isoelectric: you already KNOW I ion

Butterns one amino acids bonded by peptid

Peptide: 2 or more as A.A bonded fogether.

Peuppeptides: Chain of many A.A joined by peptide bonds

Lhape
Primary: Main of A.A

Sevendary: Sequence of A.A linked by H-bond α -Helix & B-Pleated sheets

Tertiary: When attractions are present-between α -Helix & pleated sheet (by disulphide

Brastenary: Containing more than 1. A-A chain.