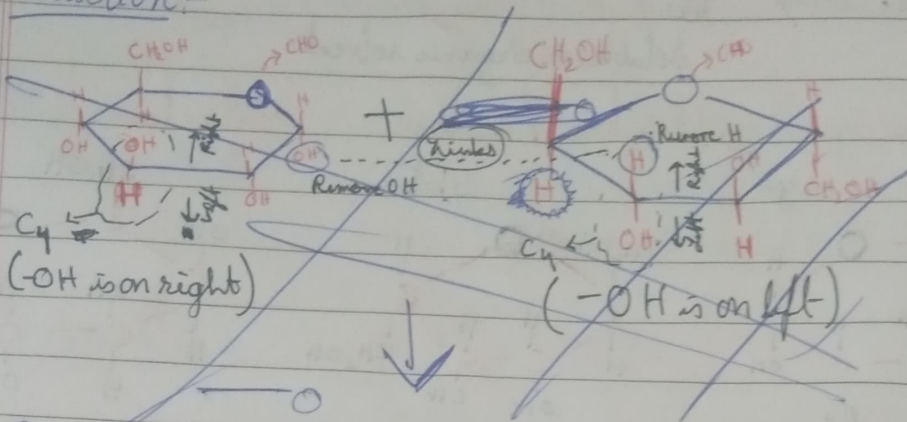


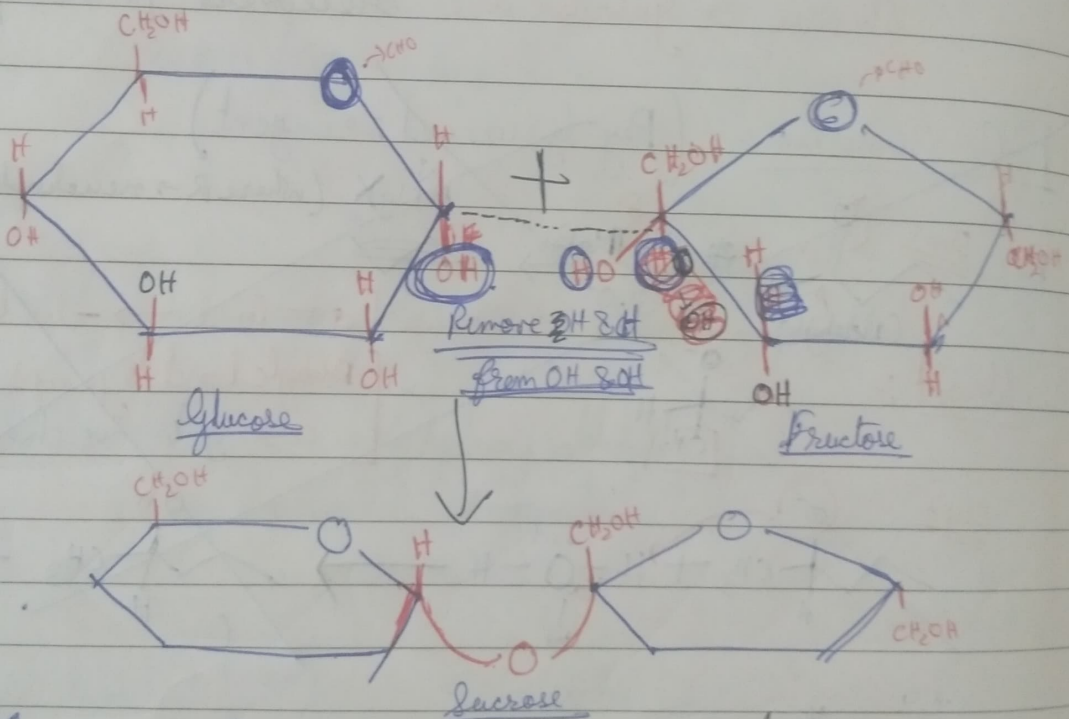
Linking of Monomers (via Dehydration Reaction)

* Glucose + Fructose = Sucrose

Reaction:-

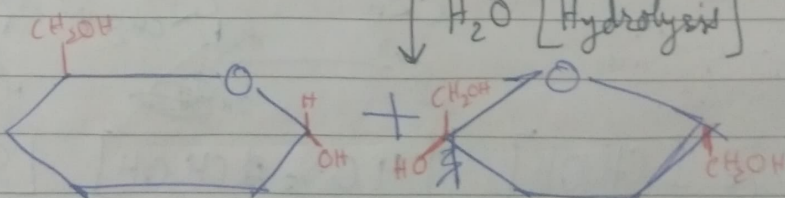


Reaction:-



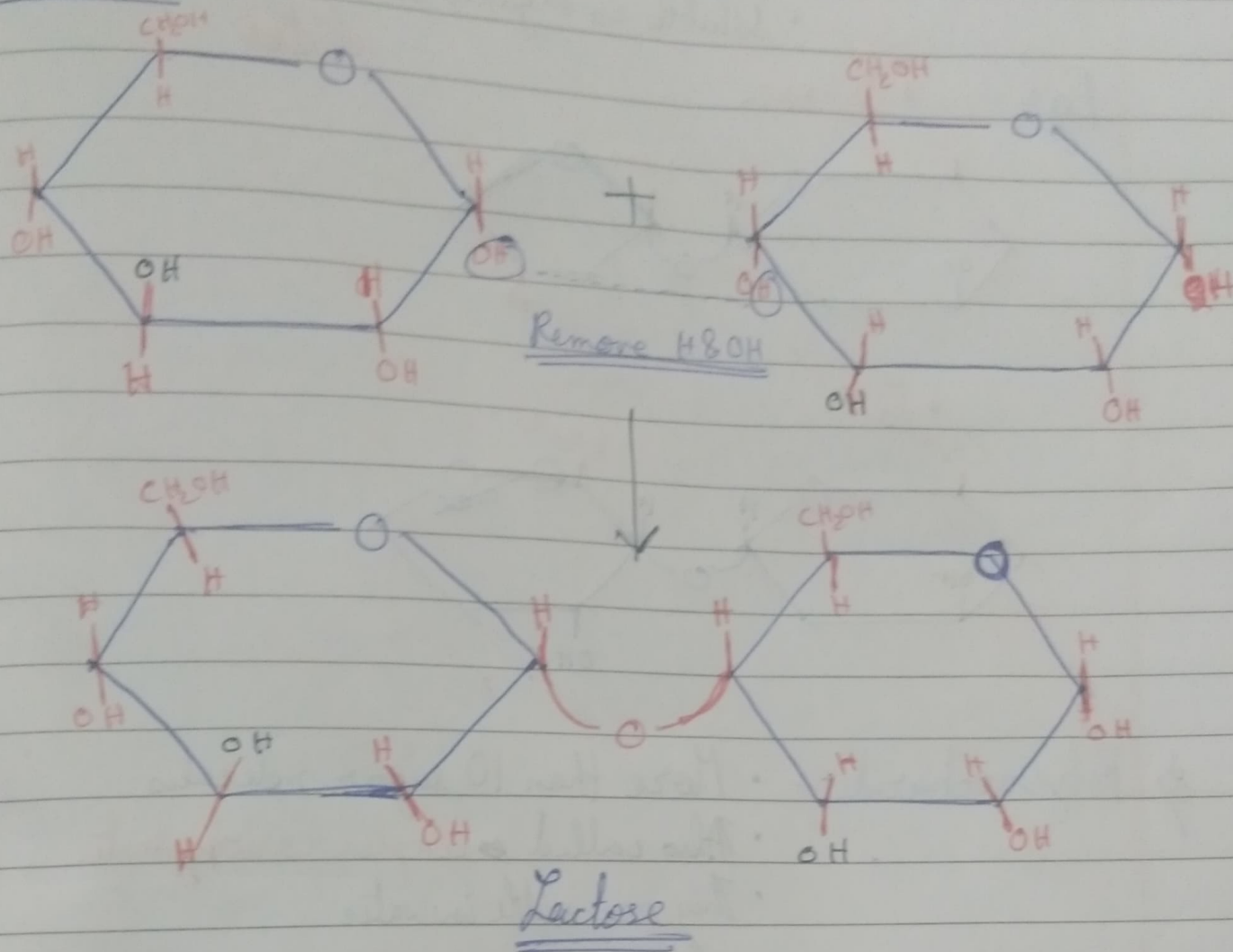
This process of joining two monomers → double sugar

↓ H₂O [Hydrolysis]



② Glucose + Galactose = Lactose

Reaction:-



The bond that holds these two sugar molecules

↓
Glycosidic Bond

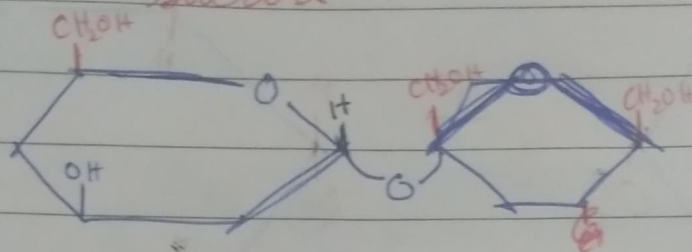
This is how disaccharide carbohydrates are formed

- 2) Disaccharides:-
- Combination of Two monosaccharides (via dehydration)
 - It can ~~also~~ undergo hydrolysis
 - Soluble in organic solvents

Eg:-

• Sucrose

~~Lactose~~



• Lactose

