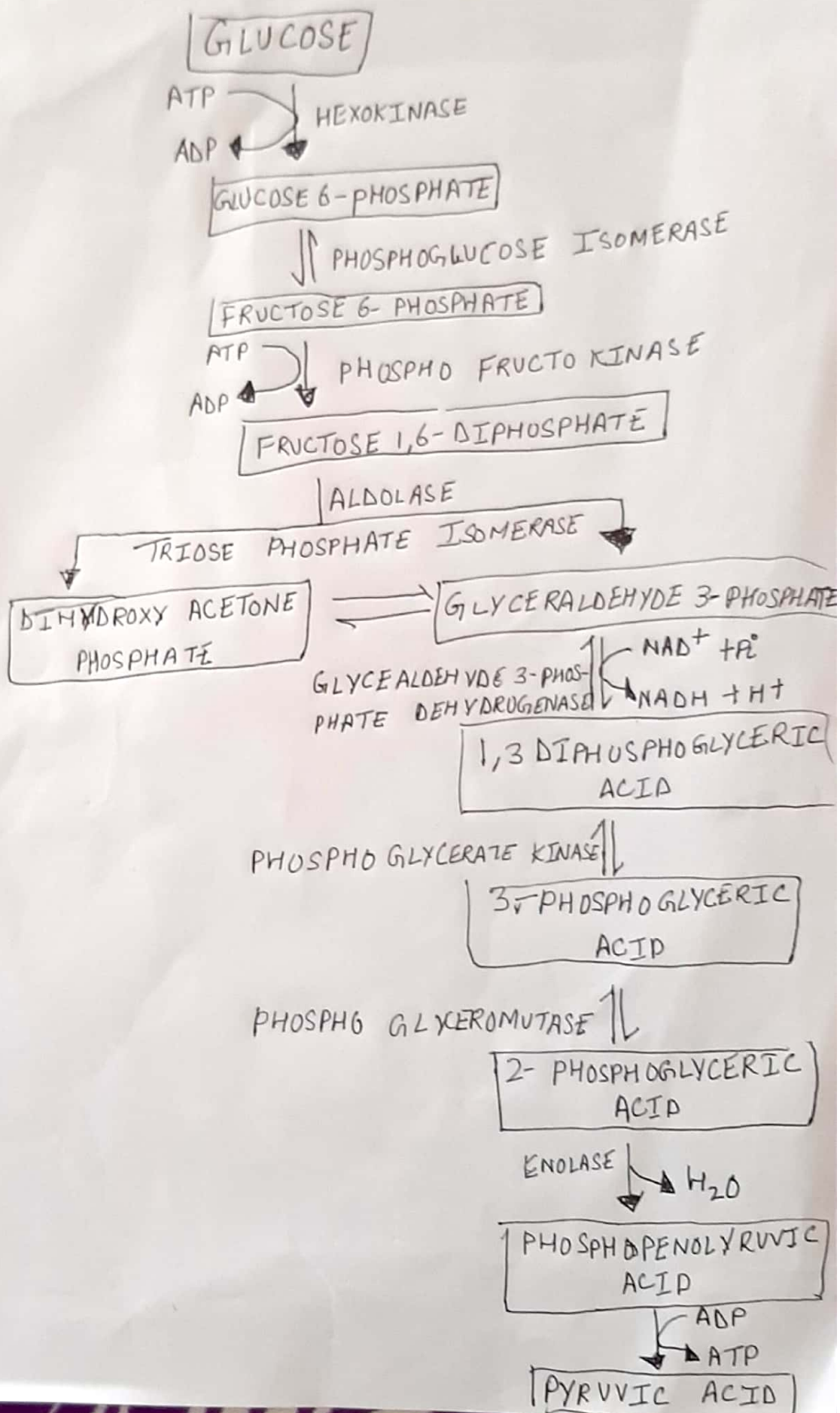


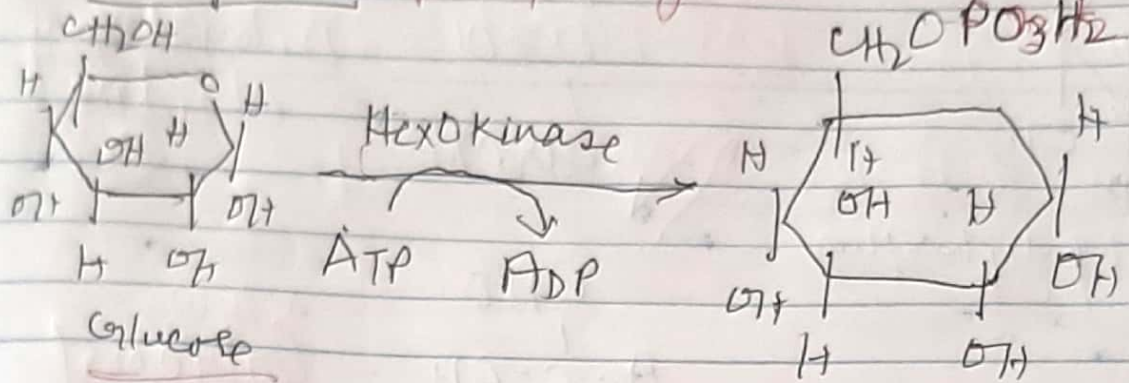
# THE GLYCOLYTIC PATHWAY



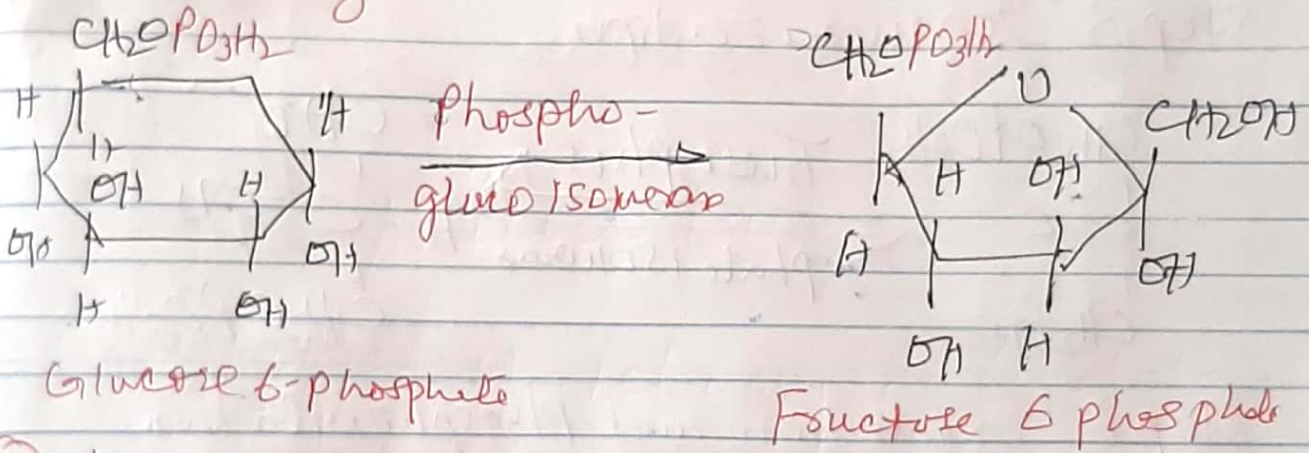
Dr. F. Ahmed

# Glycolysis

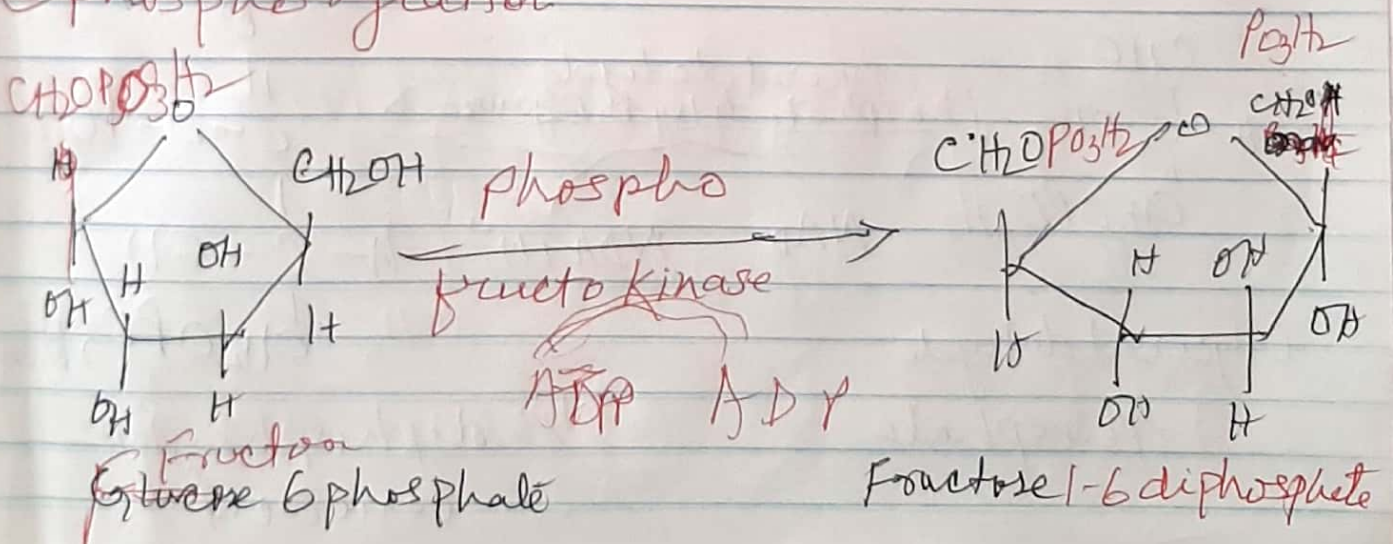
## ① Step I, phosphorylation



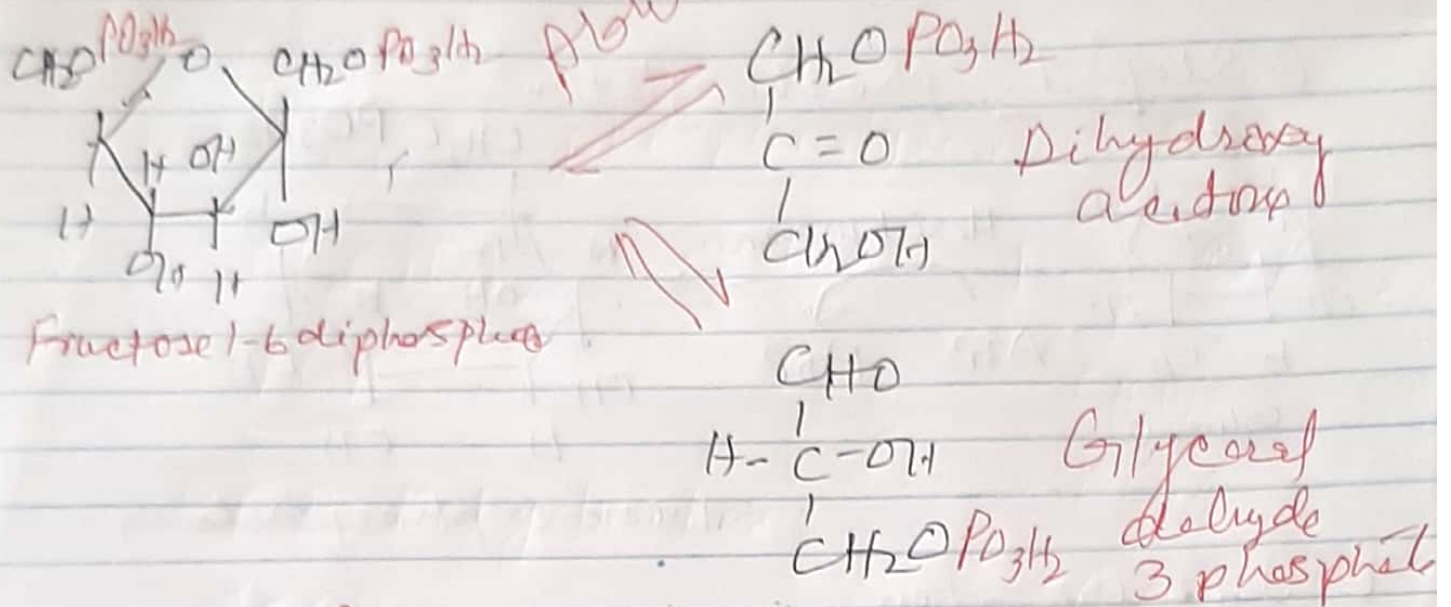
## ② Isomerization



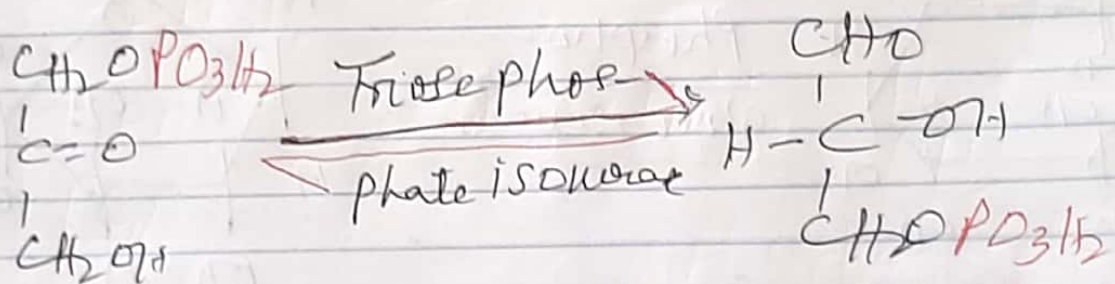
## ③ phosphorylation



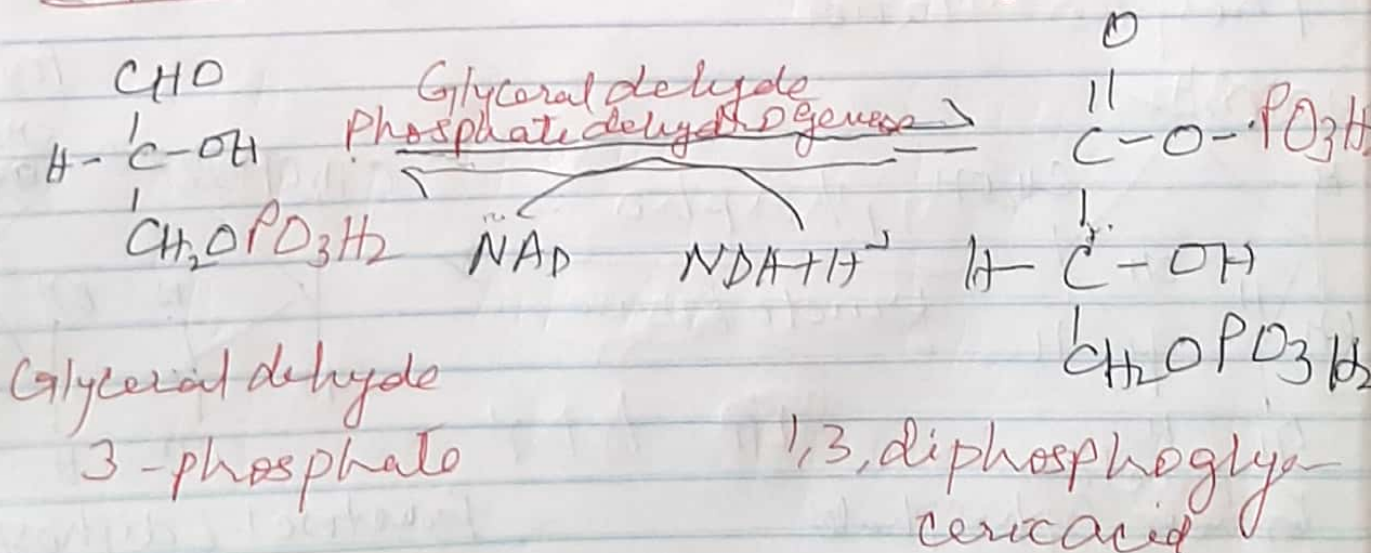
## (A) Cleavage of Fructose 1-6 diphosphate



## Step 5 Isomerization.



## Step 6: Oxidation and Phosphorylation



# Glycerol phosphate shuttle

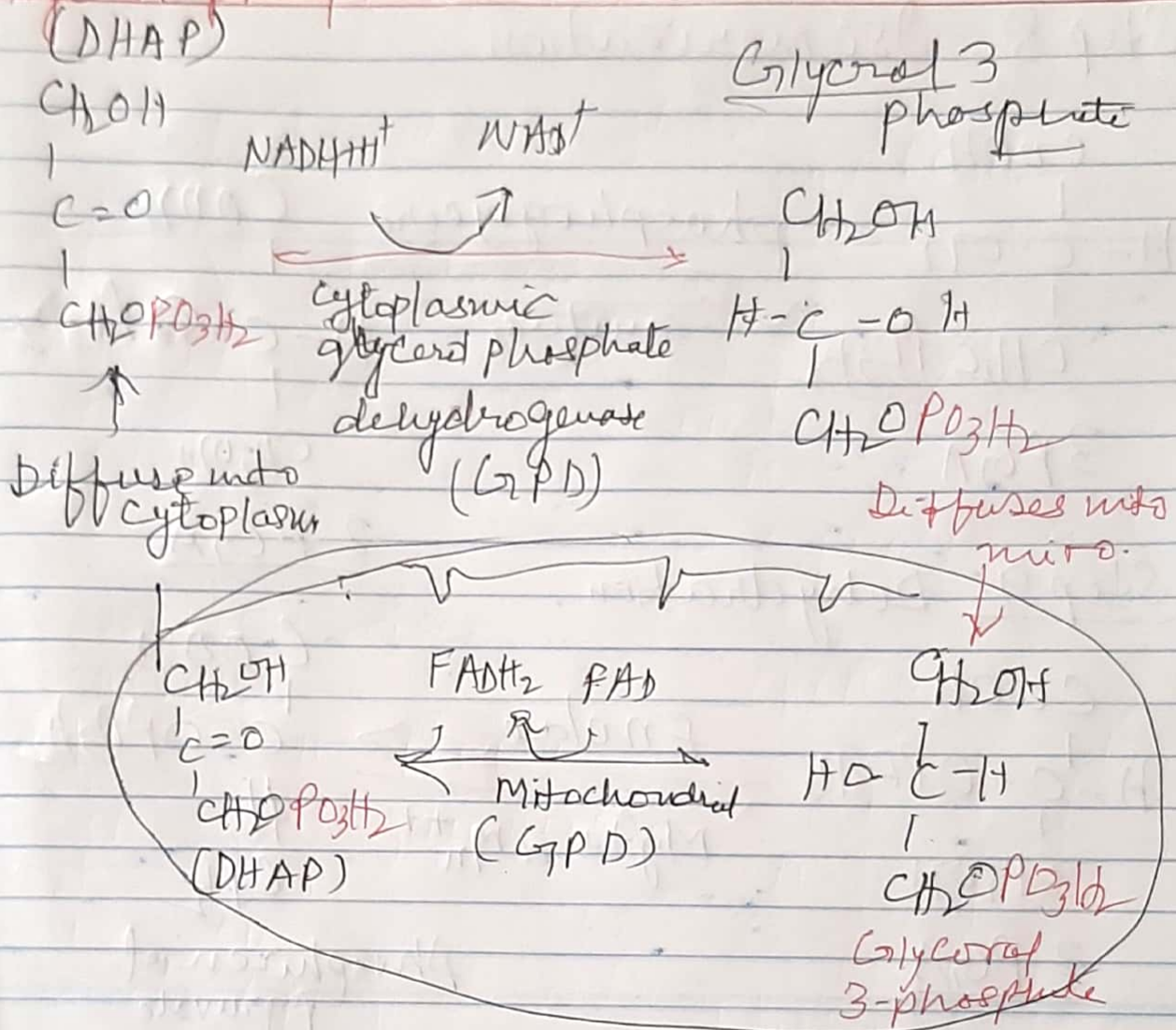
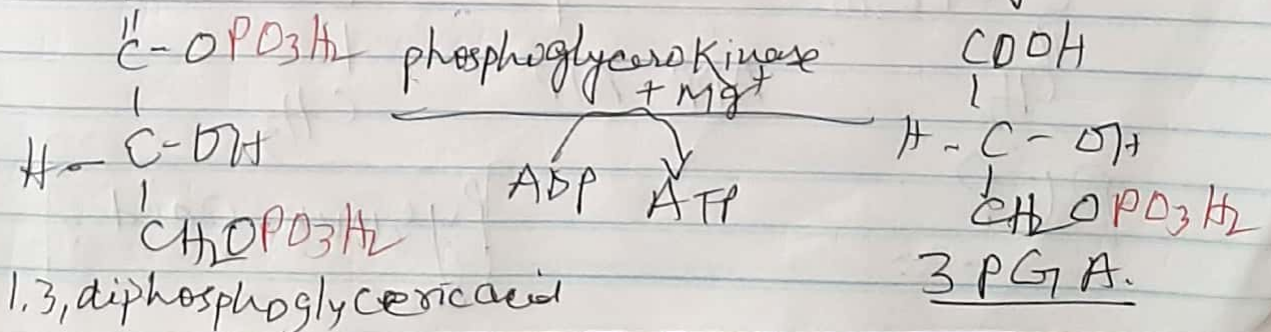
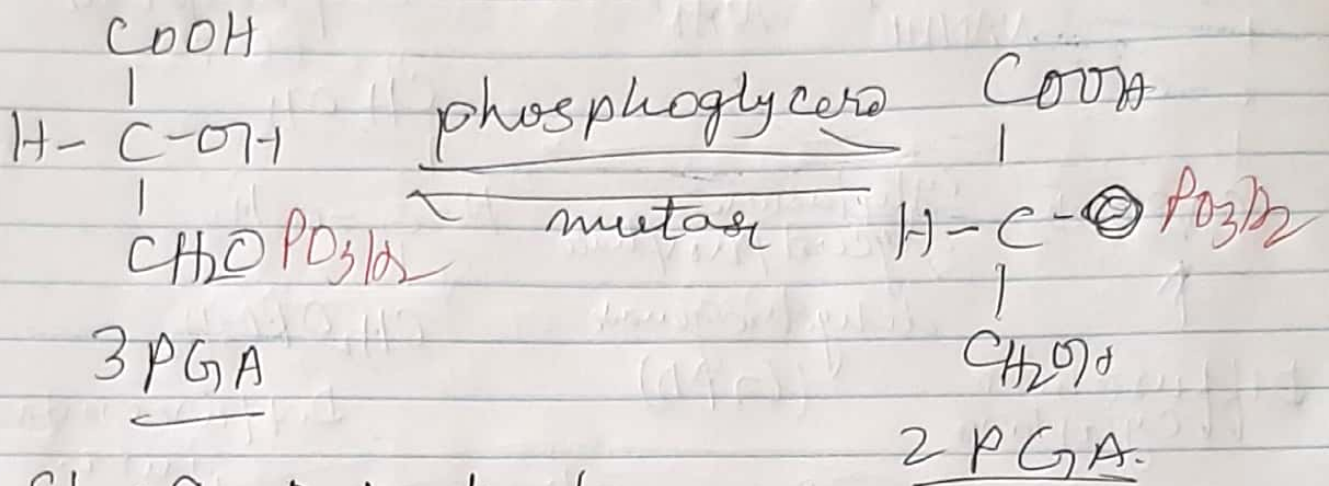


Fig - Glycerol phosphate shuttle

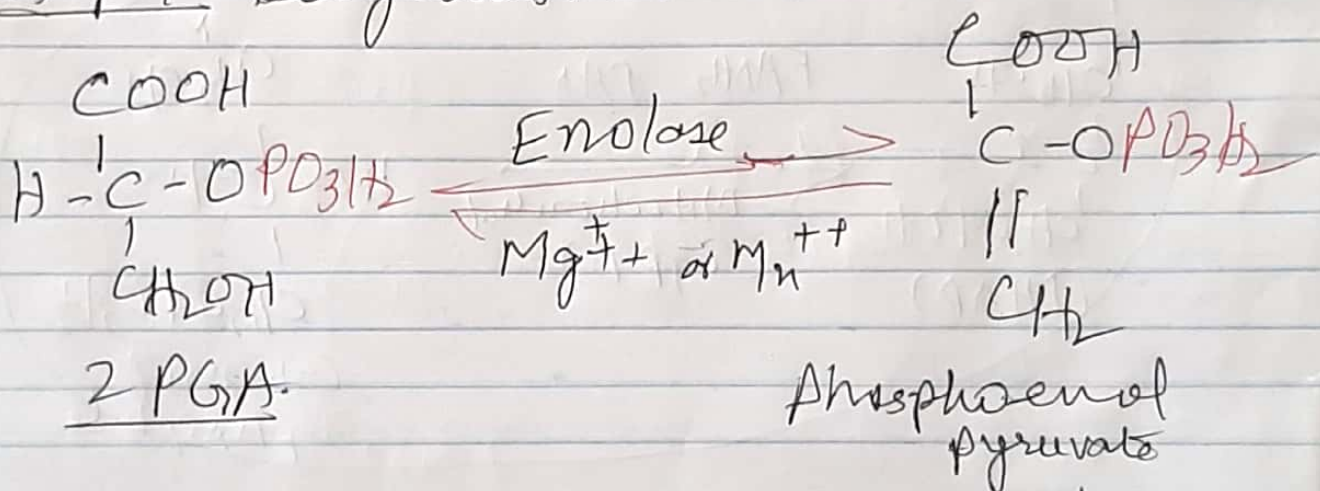
Step 7: Substrate level phosphorylation



## Step 8 Isoomerization



## Step 9. Dehydration.



## Step 10 substrate level phosphorylation

