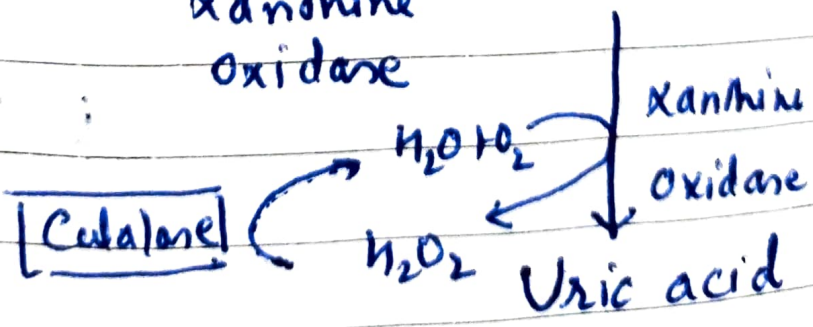
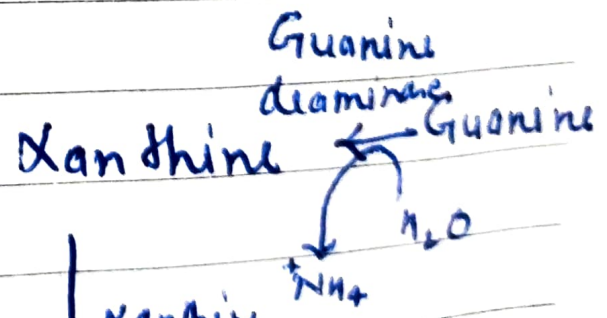
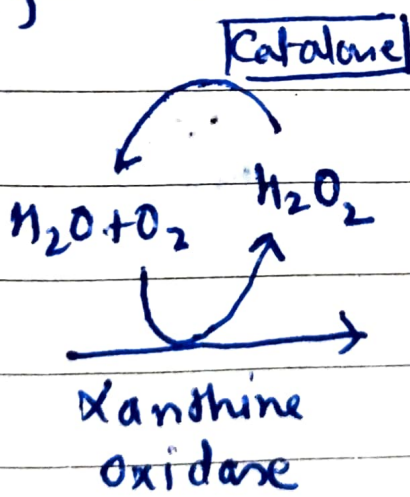
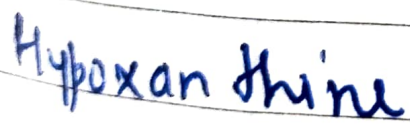
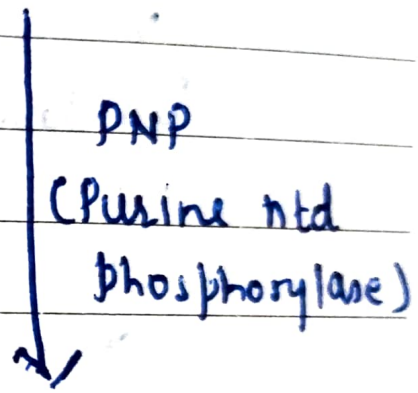
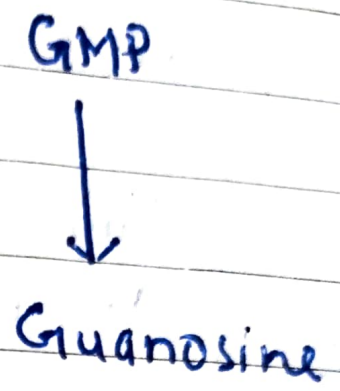
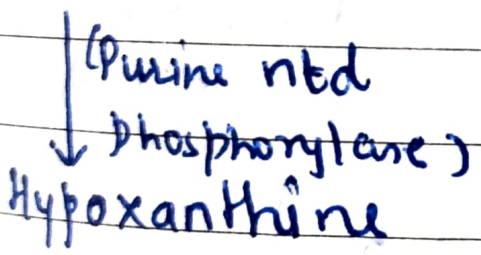
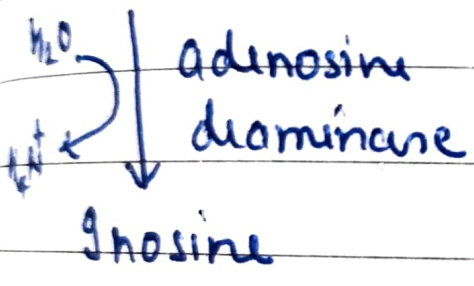
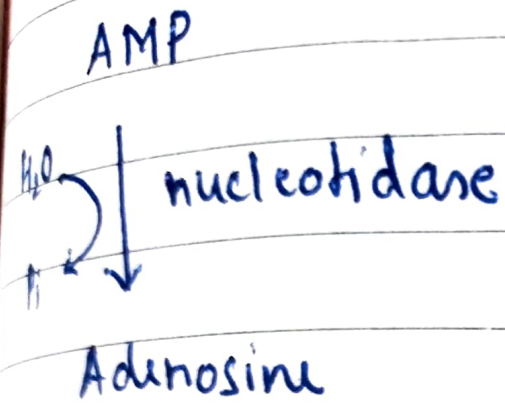


# Catabolism of Purines

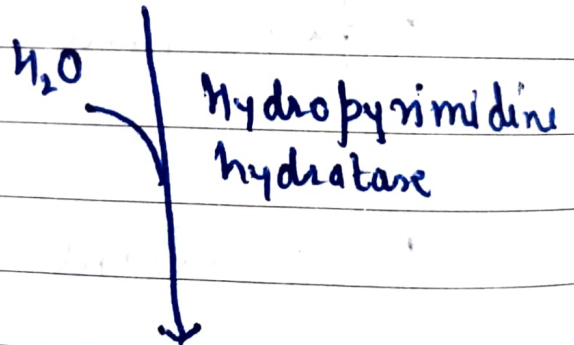
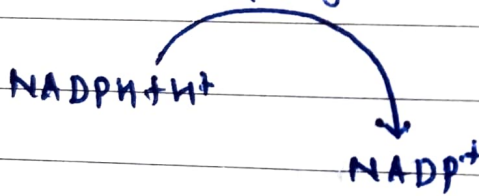
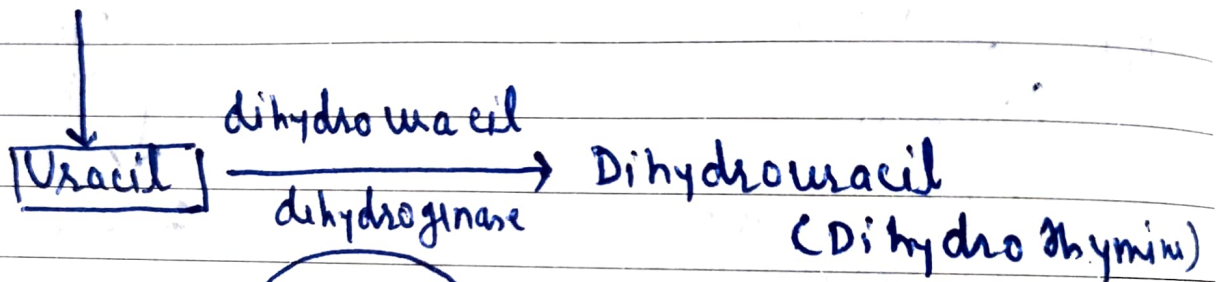


# Catabolism of Pyrimidines

Cytidine



Uridine



$\beta$ -Ureidopropionate  
 ( $\beta$ -Ureidoisobutyrate)



Malonic  
 Semialdehyde  
 (Methyl malonic  
 Semialdehyde)

Malonyl-CoA  
 (Methylmalonyl-CoA)