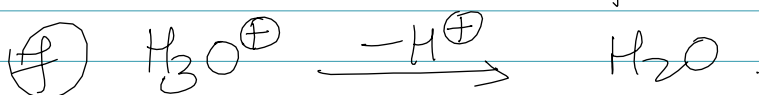
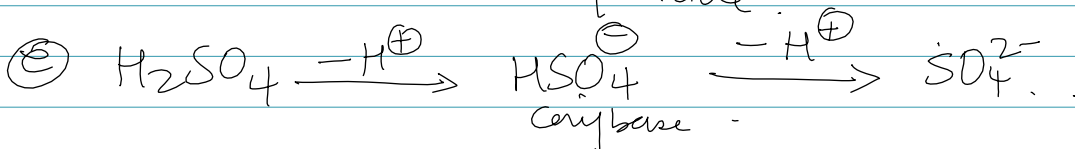
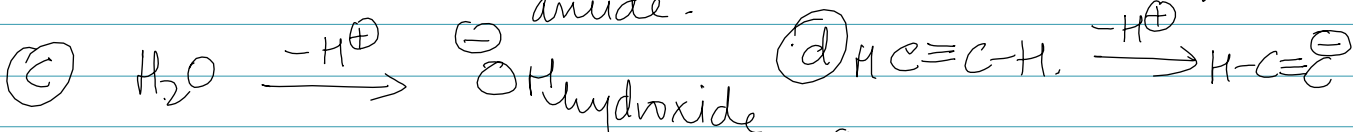
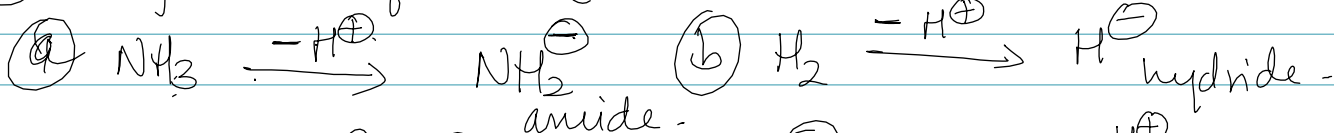


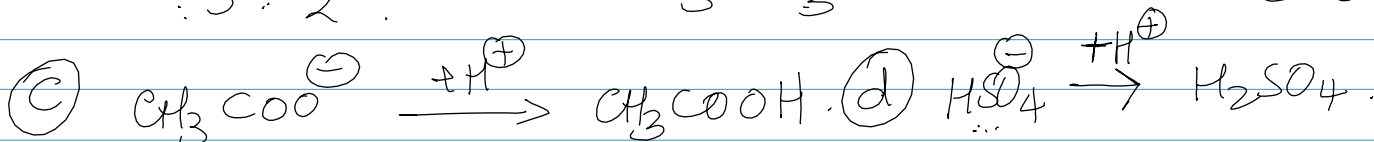
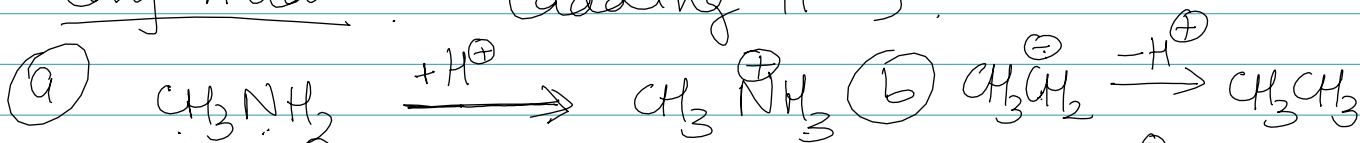
Acids Bases (1)

Conjugate Acid / Base -

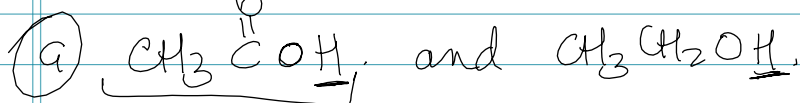
Conj. base of (remove a H^+)



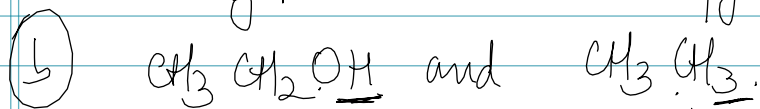
Conj Acids (adding H^+)



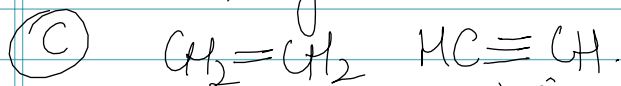
Strength of Acids



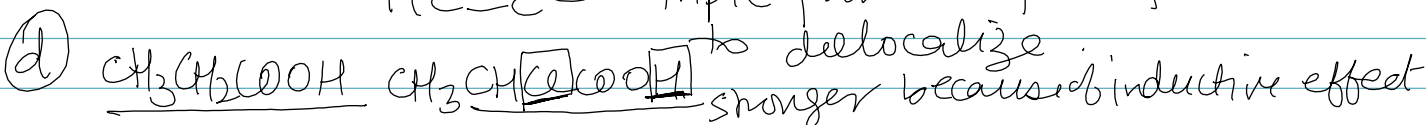
stronger: because 2 oxygens \therefore H can leave easily.



stronger: because H is attached to O (more polar bond)



stronger: delocalization possible after H-leaves
 $CH_2=CH^-$ $HC \equiv C^-$ triple provides space for e^-



stronger because inductive effect to delocalize