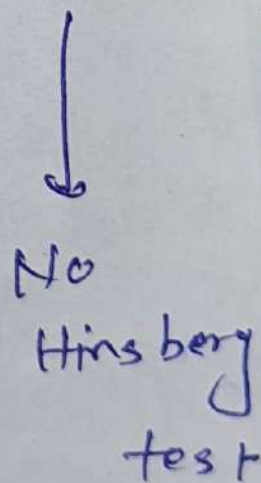
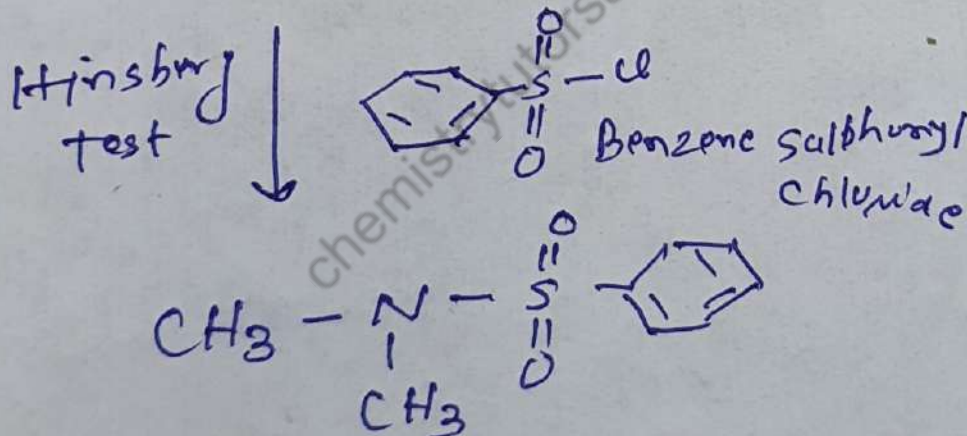
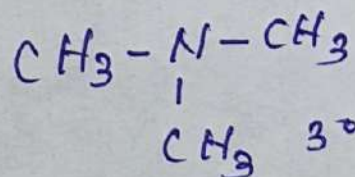
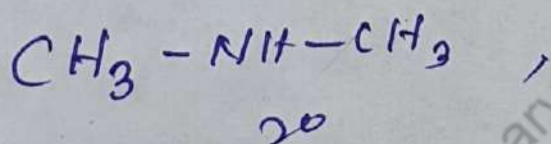
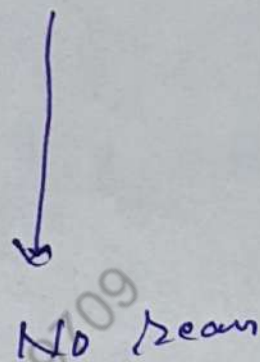
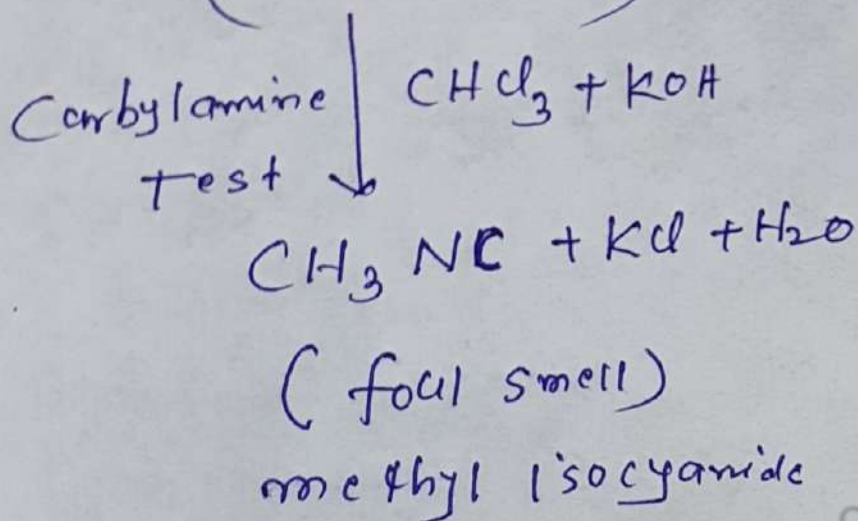
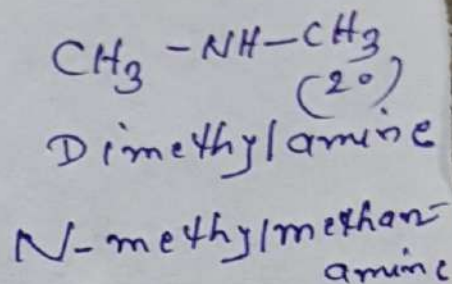
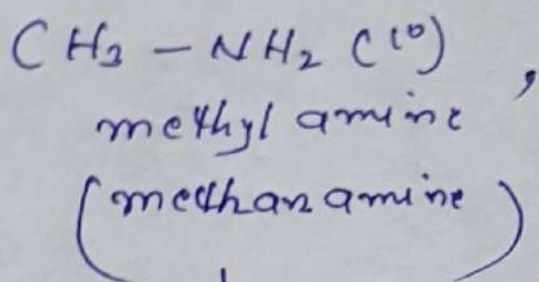


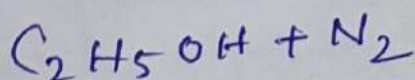
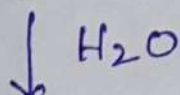
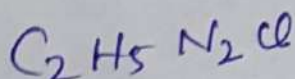
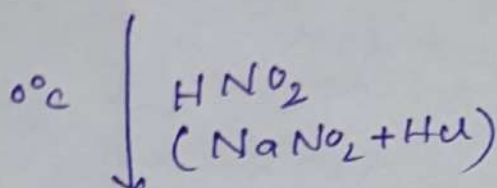
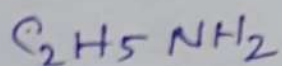
Distinguish reaction of Amino



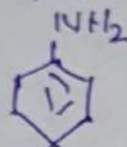
Since N,N dimethylsulphonamide does not contain any H-atom attached to N atom, It's not acidic, & Hence, insoluble in alkali

(iii)

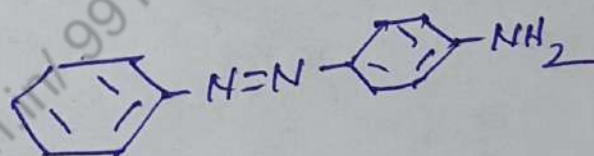
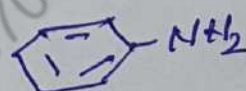
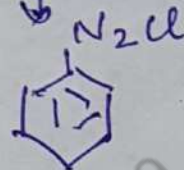
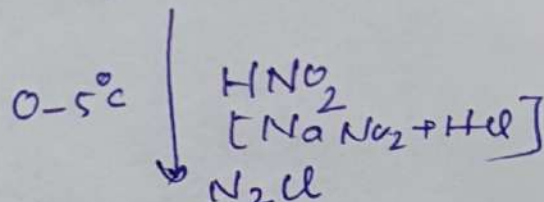
ethylamine,



Aniline



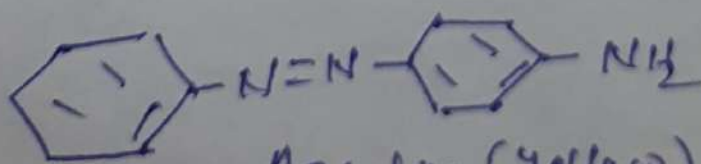
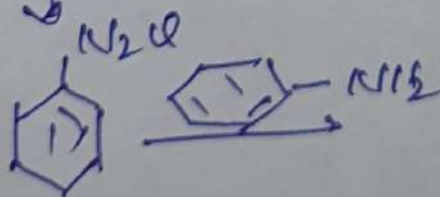
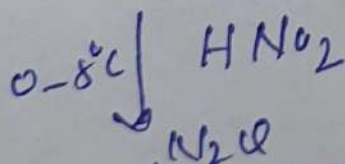
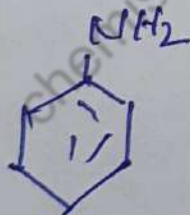
[Benzenamine]



p-aminodiazobenzene
(yellow dye)

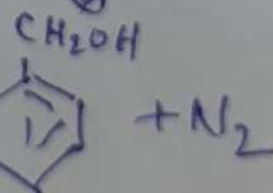
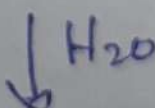
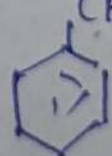
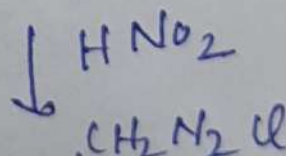
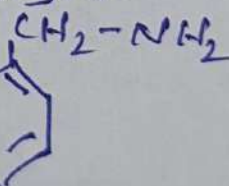
(iv)

Aniline

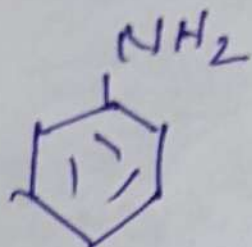


Azo dye (yellow)

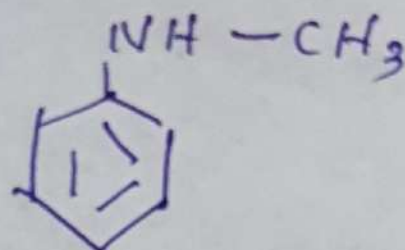
Benzylamine



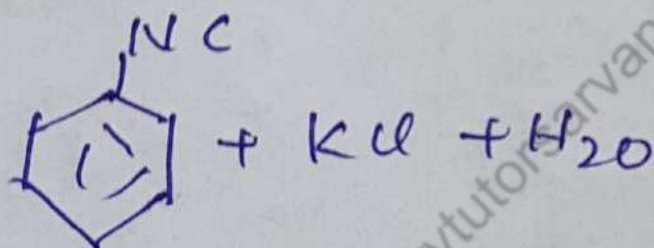
Aniline



N-methylaniline



Carbylamine test
↓
CHCl3 + KOH



phenyl isocyanide

(foul smell)

No Carbylamine
test