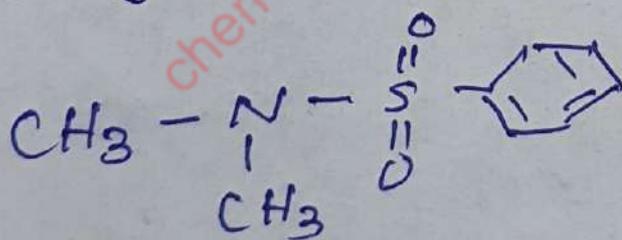
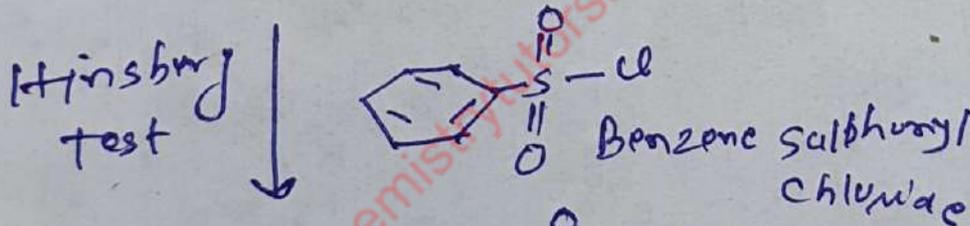
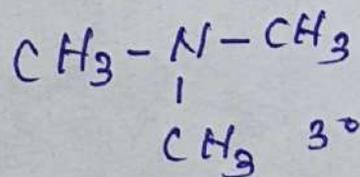
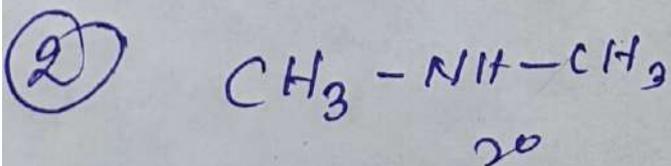
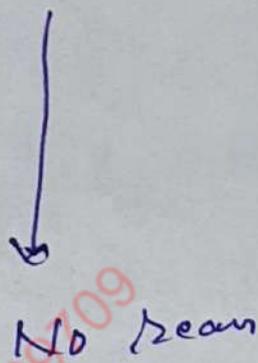
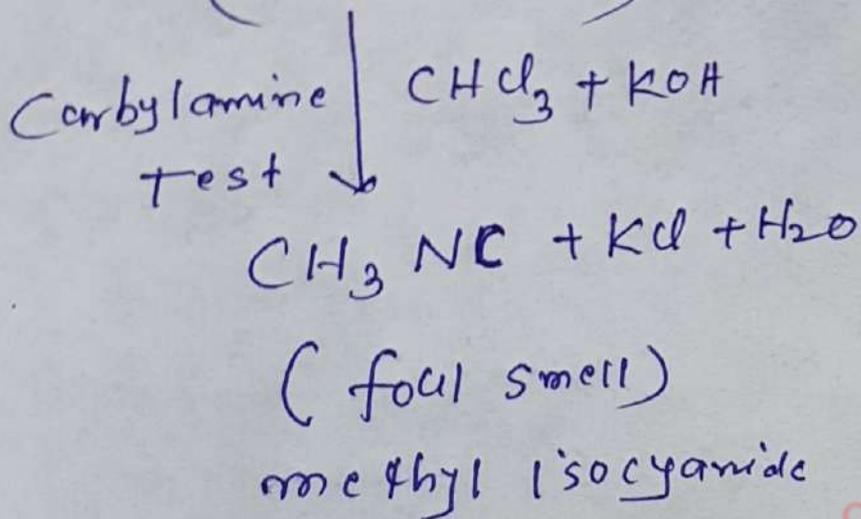
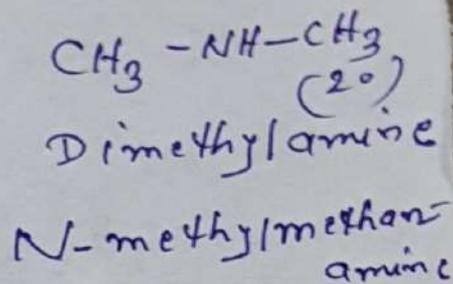
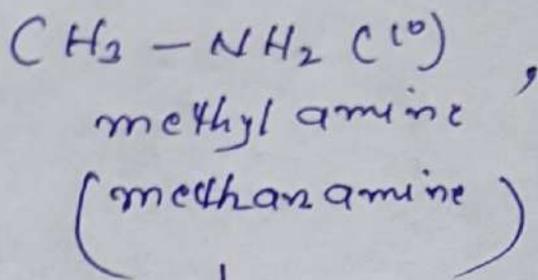


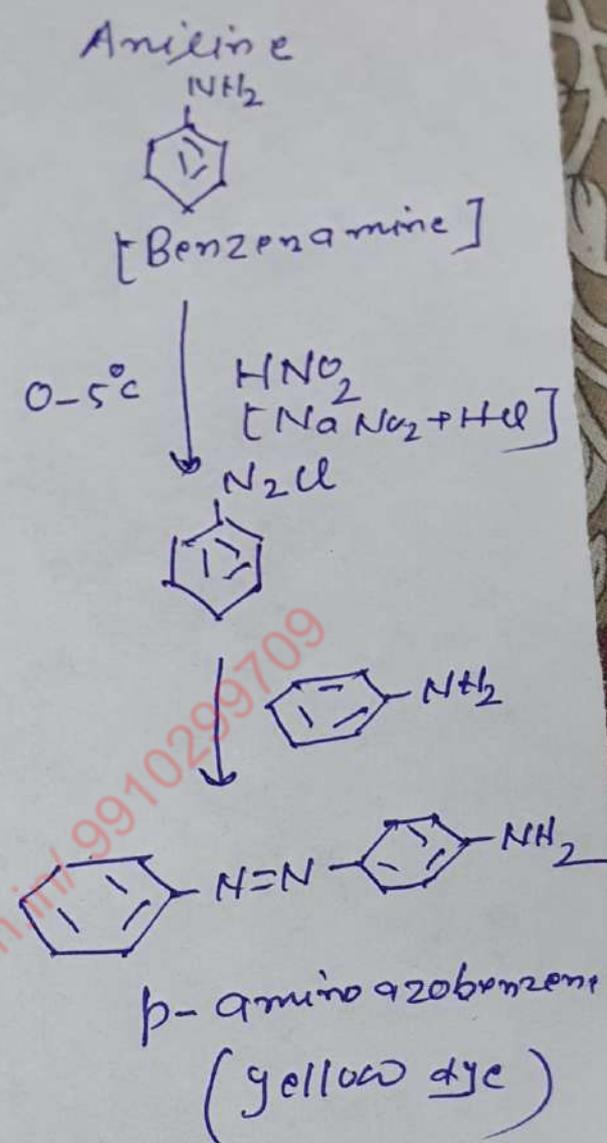
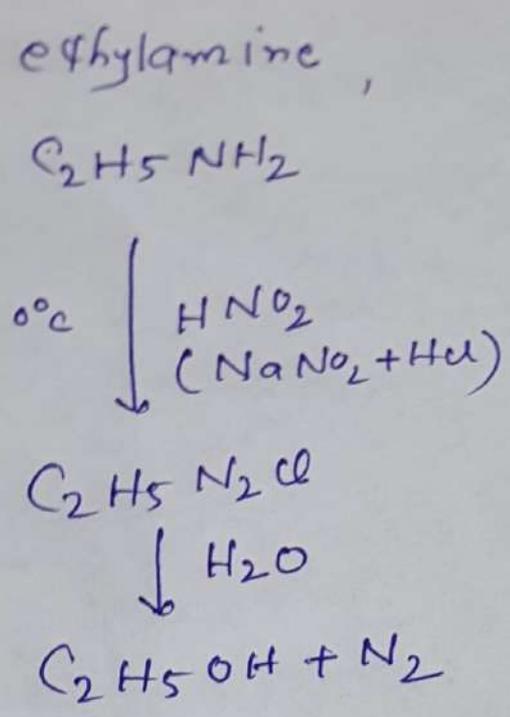
Distinguish reaction of Amines



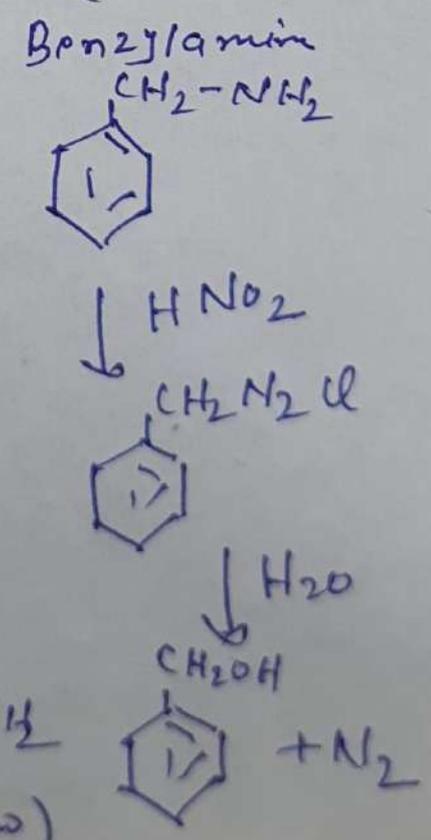
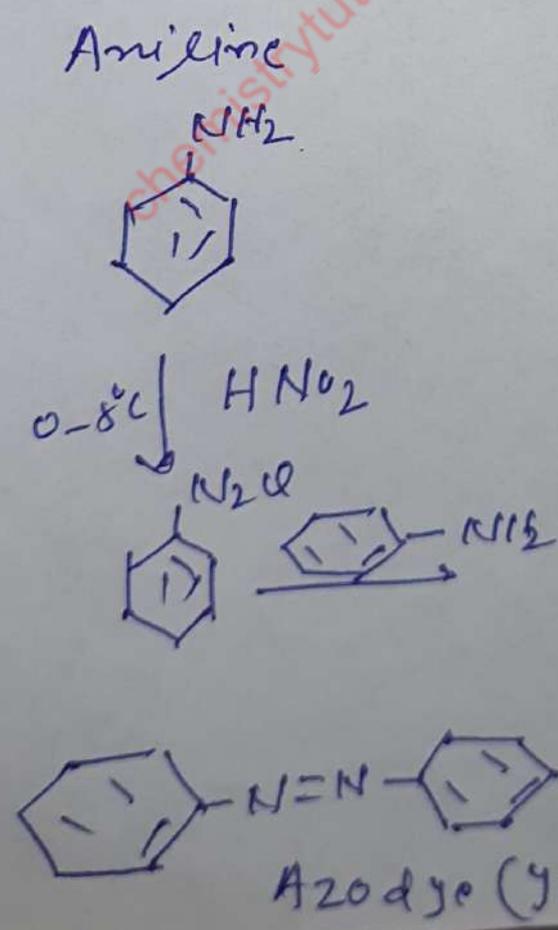
\downarrow
 No Hinsberg test

Since N,N dimethylsulphonamide does not contain any H-atom attached to N atom, its not acidic, & hence, insoluble in alkali

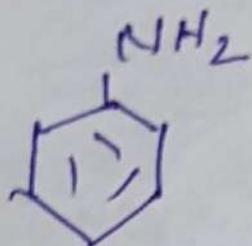
(iii)



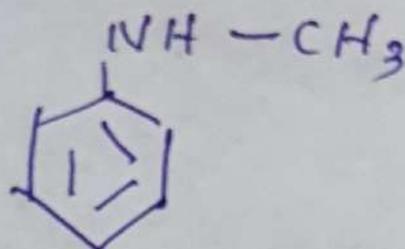
(iv)



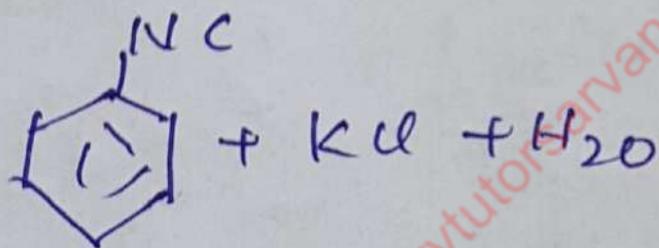
Aniline



N-methylaniline



Carbylamine test
↓
CHCl3 + KOH



phenyl isocyanide

(foul smell)

↓
No Carbylamine test