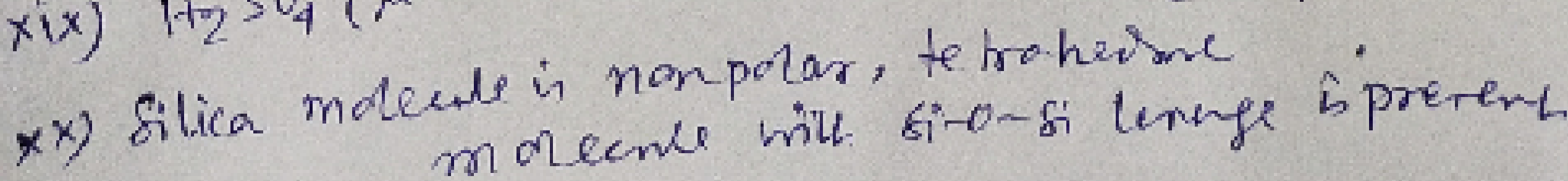
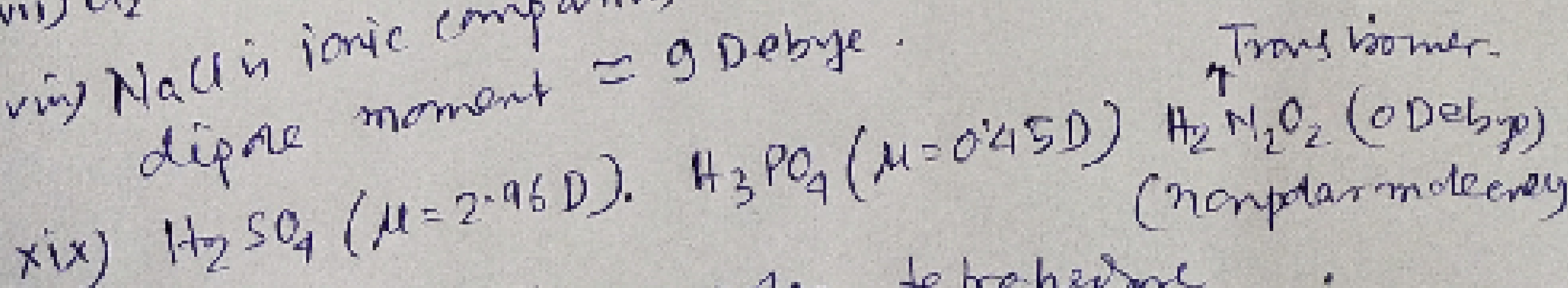
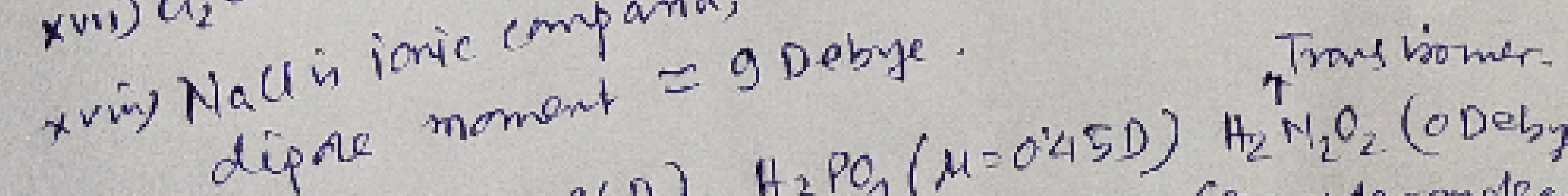
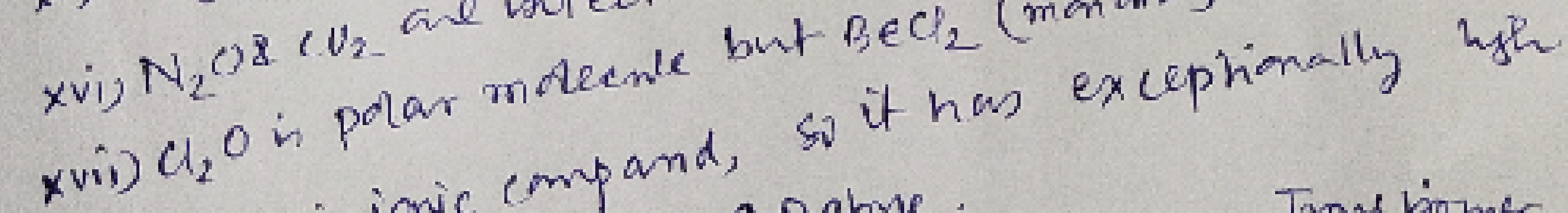
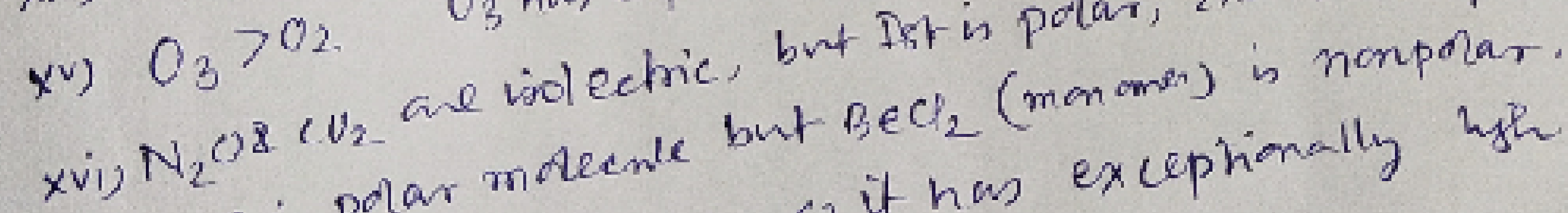
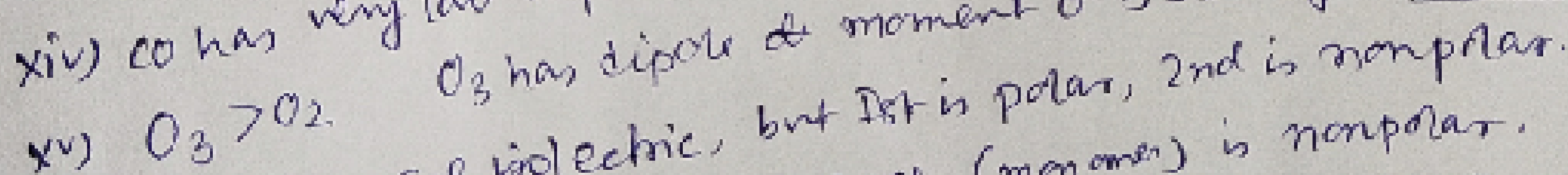
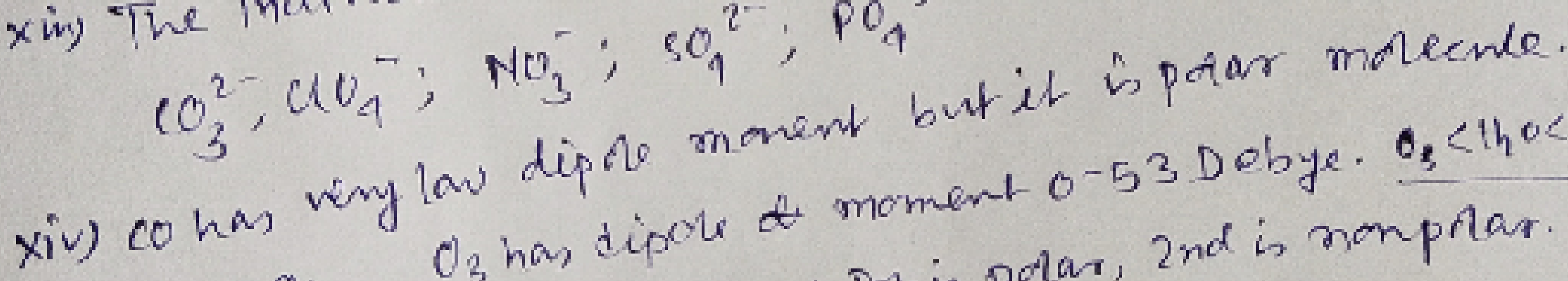
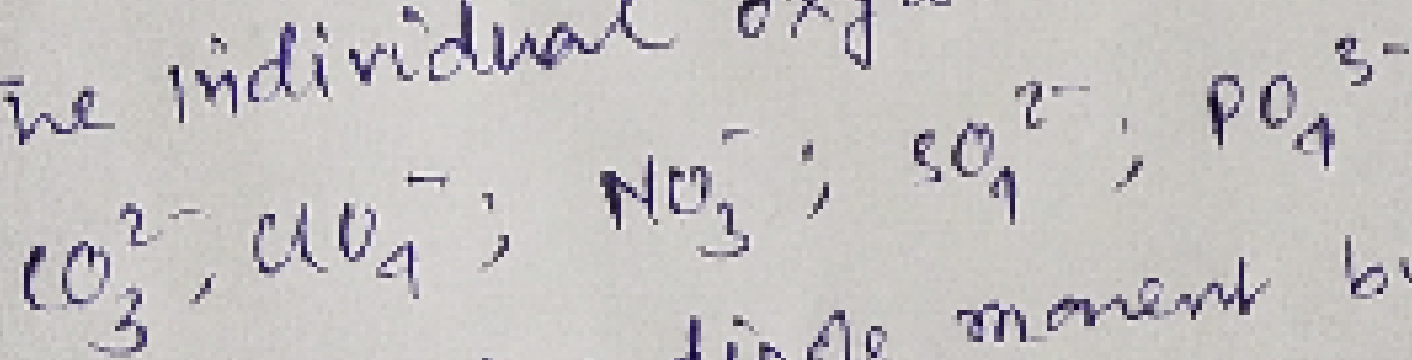
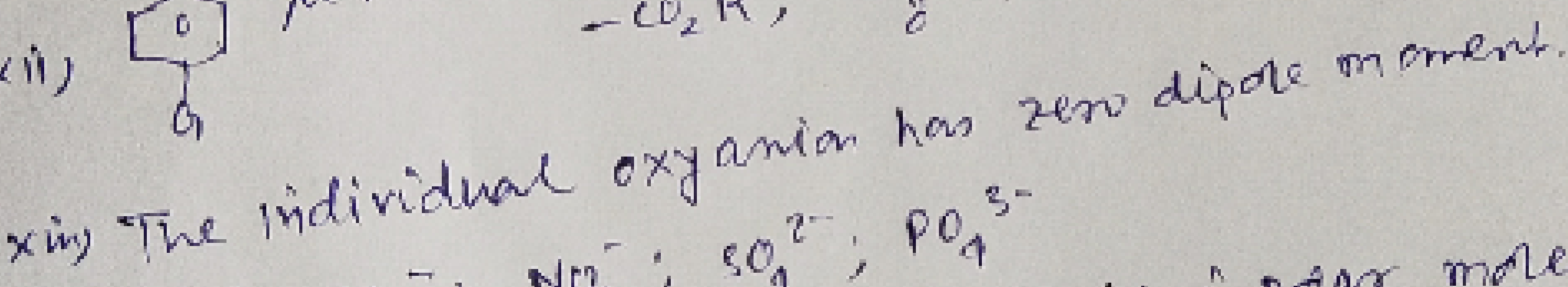
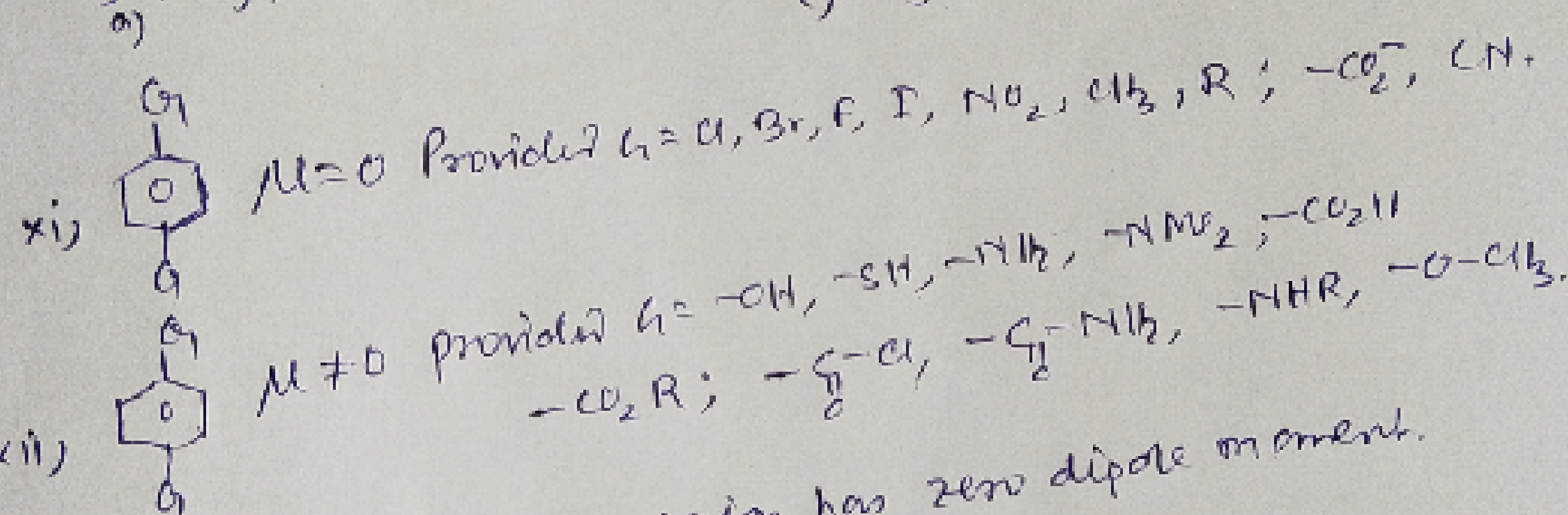
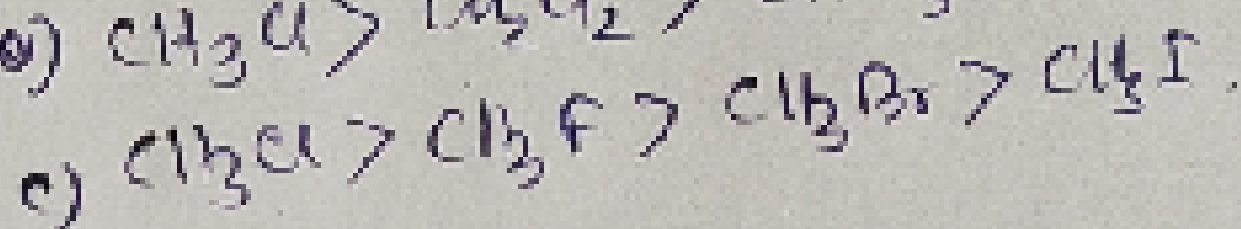
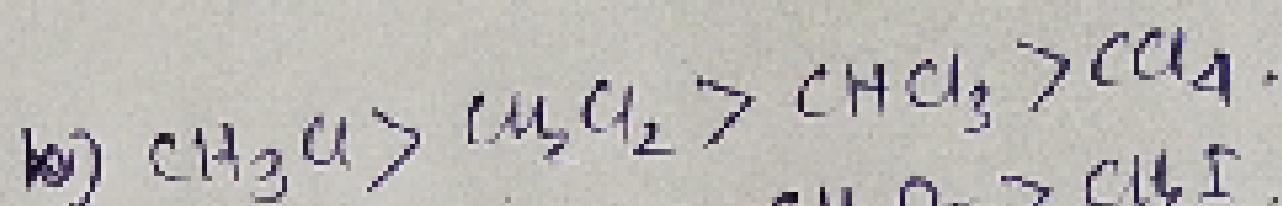
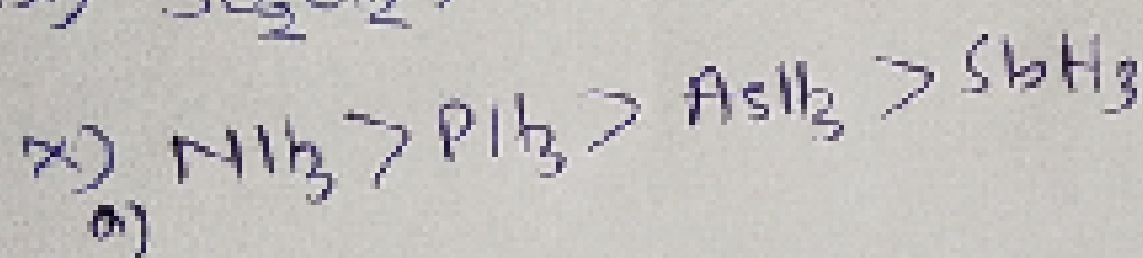
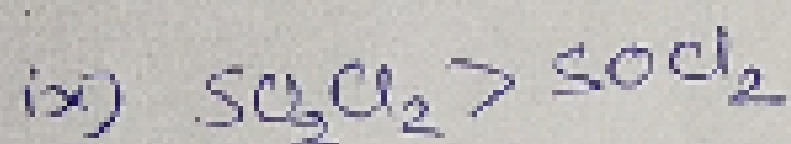
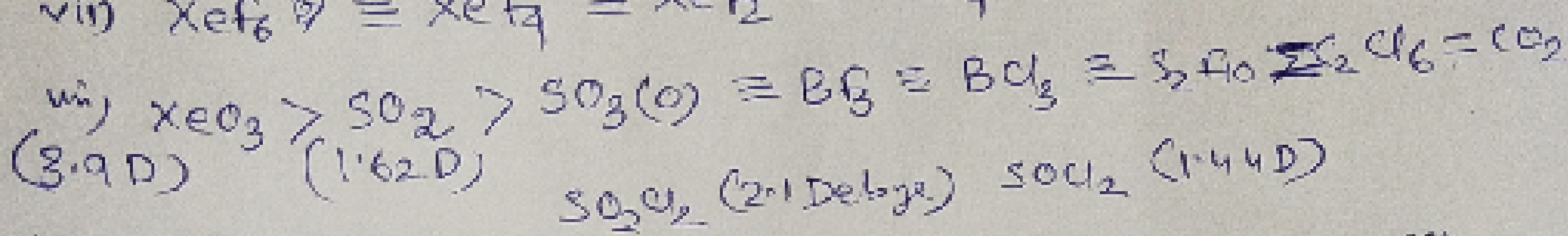
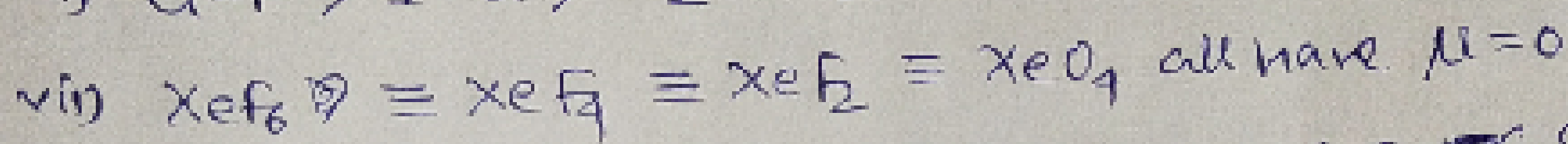
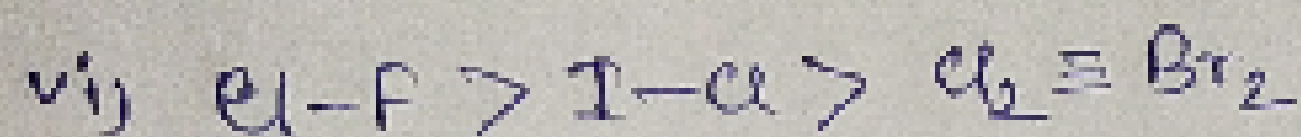
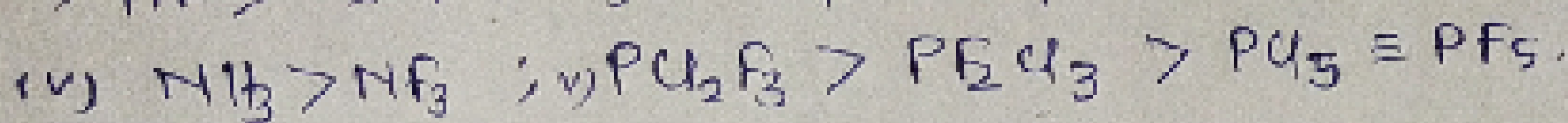
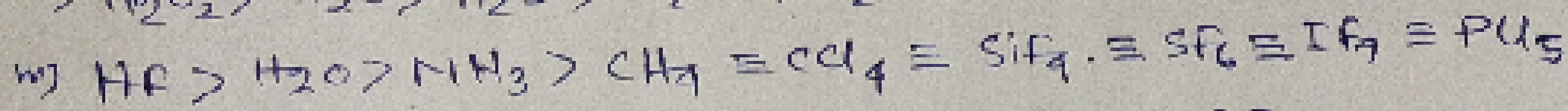
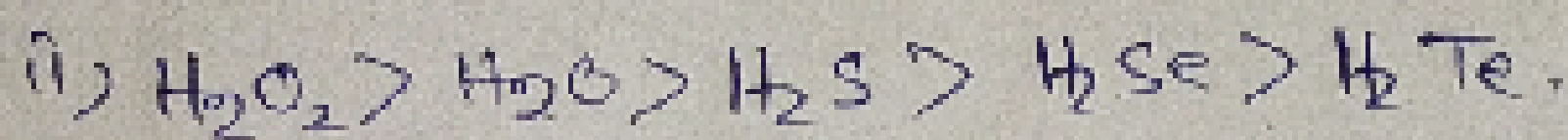
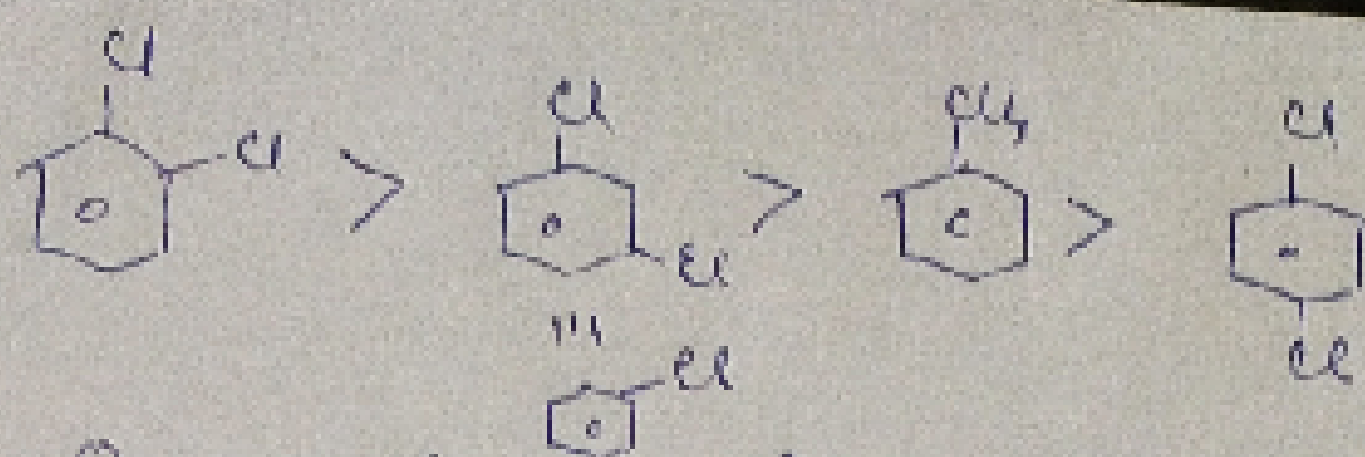


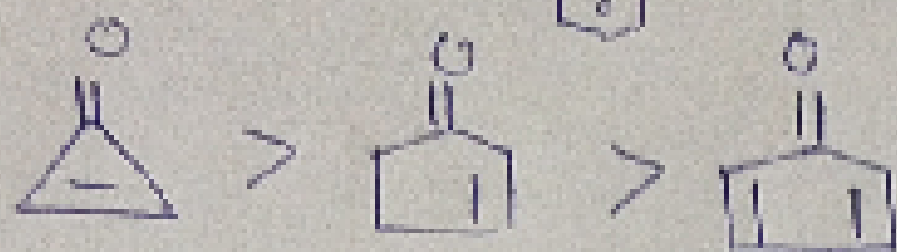
## Dipole moment (Inorganic compound)



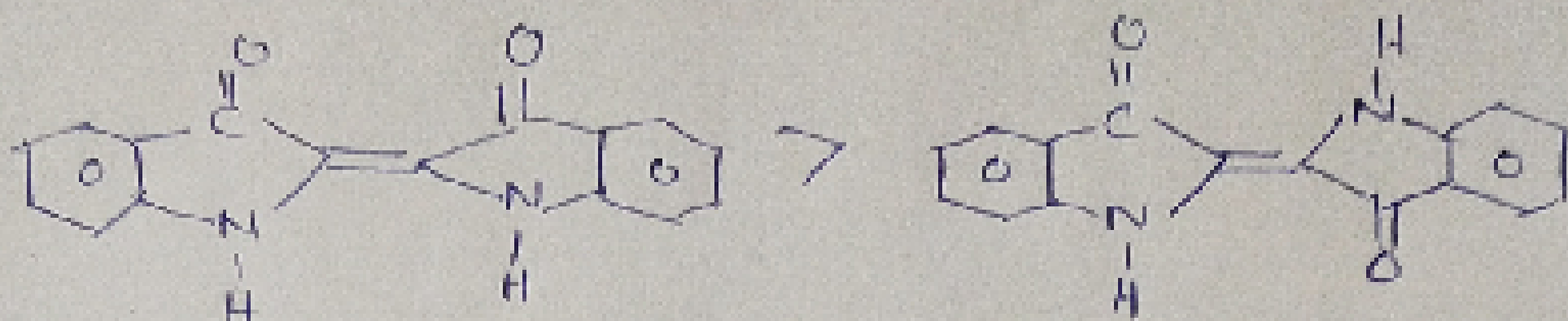
xiii)



xiv)



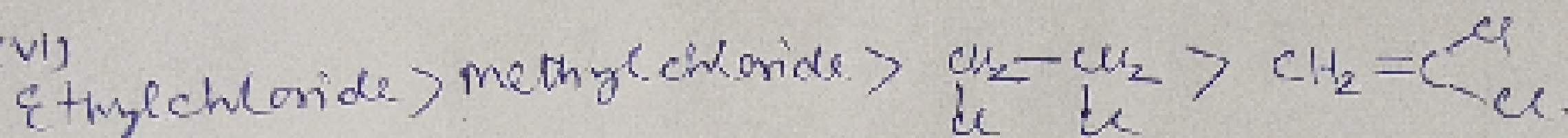
xv)



(cis isomer of Indigotin dye)

Trans isomer (Indigotin)

xvi)



xvii) Acetone > Ethyl alcohol > Diethyl ether  
 Acetonitrile.

xviii) Cl3CN ⇒ 3.92 Debye

Cl3C-Cl ⇒ 4.99 Debye

Cl3CH2OH ⇒ 1.66 Debye.

HCl ⇒ 2.3 Debye.

Cl3C-O-C2H5 ⇒ 1.15 Debye

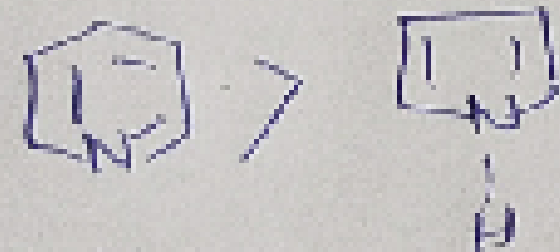
xviii) Cl3NH2 > (Cl3)2NH > (Cl3)3N

1.31 Debye

1.03 Debye

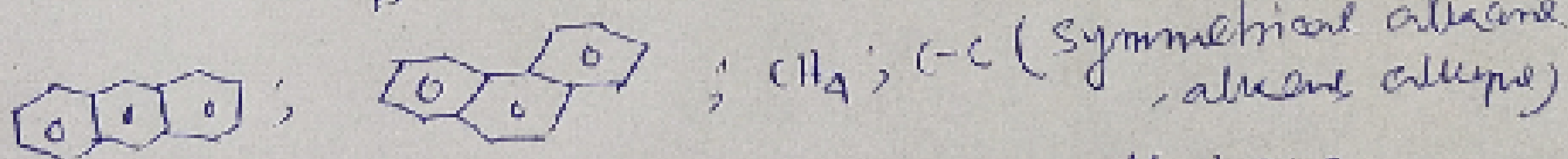
0.612 Debye

xix)



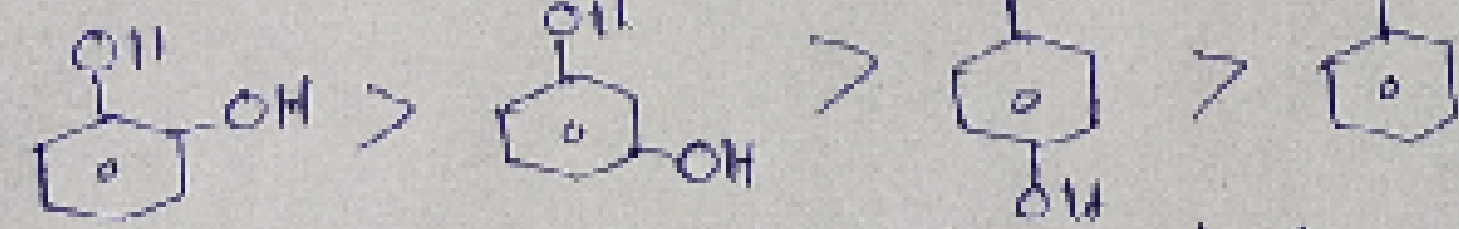
Dipole moment direction in both  
 the compounds are in opposite direction

xx)



F=C=C=F ; Symmetrical allene all have  
 zero dipole moment.

xxii)



Catechol

Resorcinol

Quinol

Phenol.



## Dipole moment (Inorganic compounds)

