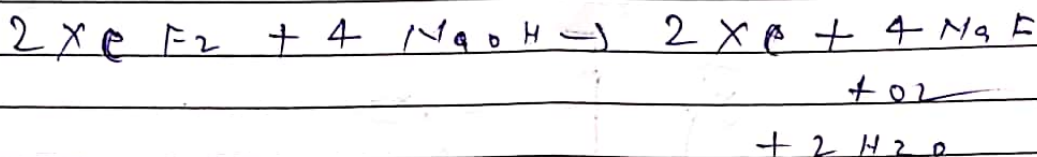
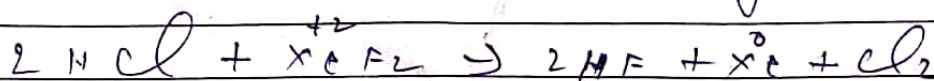


Xenon Compounds. XeF₂ Reactions.

(a) XeF₂ on reaction with NaOH gives rise to NaF and Xe



(d) XeF₂ acts as an oxidising agent.

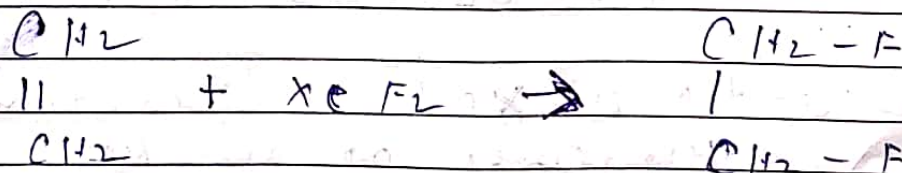


oxidation no. of Xe⁺² changes to zero it means it self undergoes reduction

and oxidises HCl to Cl₂ thus acts as an oxidising agent.

(c) XeF₂ on reaction with C₂H₆

gives rise to 1,2-Difluoroethane.

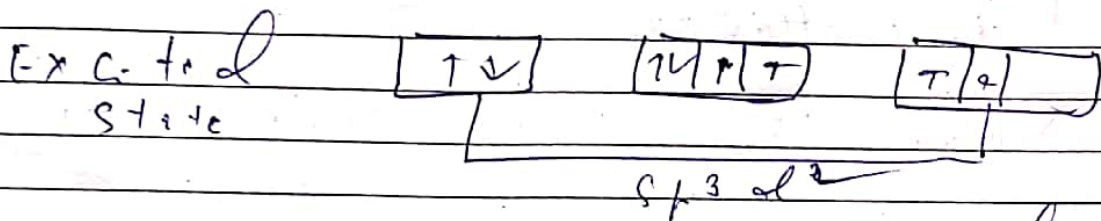
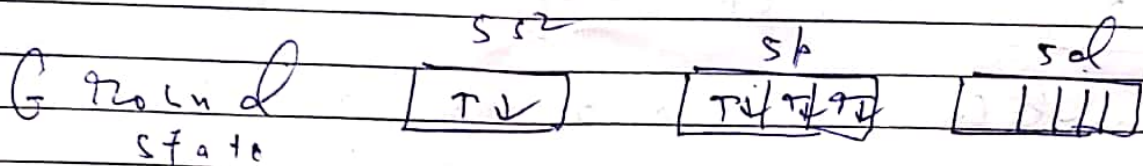
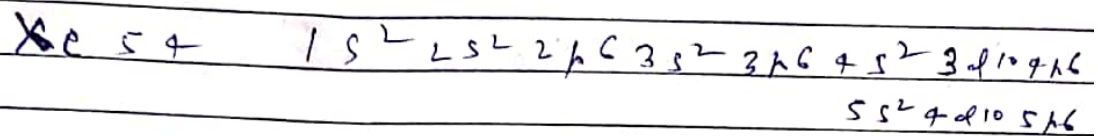


1,2-Difluoroethane.

Structure of XeF₂.

Central atom of XeF_4 molecule is "Xe" its atomic no. is 54 its

electronic configuration and valence electron orbital representation is represented as



sp^3d^2 hybridised singly occupied electron forms bonds with singly occupied electron of four fluorine atoms.

Structure is represented as.

