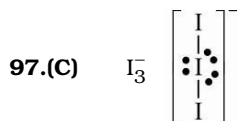


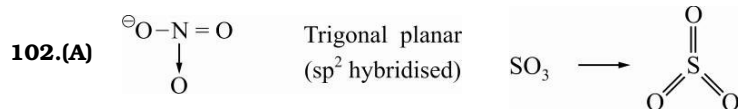
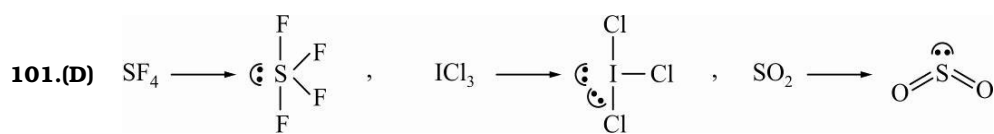
96.(B) Hybridisation changes when AlH_3 (sp^2) becomes AlH_4^- (sp^3)



98.(B) According to VSEPR Theory

99.(B) In case of option A, C & D, octet of all atoms is not complete.

100.(B) σ -bond is stronger than π bond as bond strength depends upon the extent of overlapping.



103.(A) I_3^- , PCl_3 , NO_3^- , H_2Se
 sp^3d sp^3 sp^2 sp^3

104.(C) Hybridisation of As in AsF_5 is sp^3d

105.(C) Bond angle 60°

