

[JEE (Main)-2010]

a. Which of the following are Lewis acids?

- (1) PH_3 and BCl_3 (2) AlCl_3 and SiCl_4
- (3) PH_3 and SiCl_4 ✓ BCl_3 and AlCl_3

Sol · Electron deficient Compds are Lewis
Acids · So, BCl_3 & AlCl_3 are Lewis Acids
So, \Rightarrow option (1).