

In the complex $\text{Fe}(\text{CO})_x$, the value of x is, if it follows sidwick EAN rule :

- (A) 3 (B) 4 (C) 5 (D) 6

Ans : C

Sidwick Rule : Atomic No of atom+ x *leptacity of ligand : Inert pair configuration(here 36)

$$26+2x=36$$

$$X=5$$