

Crystal field stabilization energy for low spin d^4 octahedral complex is

- (A) $-0.6 \Delta_0$ (B) $-1.8 \Delta_0$ (C) $-1.6 \Delta_0 + P$ (D) $-1.2 \Delta_0$

Ans: $P=1$ as the compound has SFL for Low spin: $-4 \times \frac{2}{5} \Delta$
= $-1.6 \Delta + P$

It will fill all eg and 1 eg will be filled completely so pairing energy is P