

15/10/2020
THURSDAY

CHEMISTRY

STD - 8
class - 18

Let us Assess

1) The solution of $ZnSO_4$, $FeSO_4$ and $CuSO_4$ are taken in three different test tubes. Suppose, an iron nail is kept immersed in each one.

- In which test tube the iron nail undergoes a colour change?

Ans) In test tube containing $CuSO_4$ solution.

- What is the reaction taking place here?

Ans) The more reactive iron displaces the less reactive Cu from its salt solution.

- Justify your answer.

Ans) Fe is more reactive than Cu. Hence it can supply electrons to Cu^{2+} ions in $CuSO_4$ solution and Cu is deposited.