

10. Extraction of gold and silver involves leaching the metal with CN^- ion. The metal is recovered by _____.

- (i) displacement of metal by some other metal from the complex ion.
- (ii) roasting of metal complex.
- (iii) calcination followed by roasting.
- (iv) thermal decomposition of metal complex.

Ans. (a) Extraction of gold and silver involves leaching the metal with CN^- ion. The metal is recovered by displacement of metal by some other metal from the complex ion.

This is an oxidation reaction.



Here, Zn acts as a reducing agent.