

The correct statement is :

- A** leaching of bauxite using concentrated NaOH solution gives sodium aluminate and sodium silicate
- B** The blistered appearance of copper during the metallurgical process is due to the evolution of CO₂
- C** pig iron is obtained from cast iron
- D** the Hall-Heroult process is used for the production of aluminium and iron.

Correct option is A)

(1) During leaching when bauxite is treated with concentrated NaOH, then sodium aluminate and sodium silicate is formed in the soluble form, whereas Fe_2O_3 is precipitated.

(2) The blistered appearance of copper during the metallurgical process is due to the evolution of SO_2 .

(3) Cast iron is obtained from pig iron.

(4) Hall-Heroult process is used for the production of only aluminium.