

CHEMISTRY

BOOKS - SAI CHEMISTRY (TELUGU ENGLISH)

METALLURGY

Problem

1. Which of the following process does not involve heating?

- A. Calcinatio
- B. Smelting
- C. Roasting
- D. Levigation

Answer: D



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2. German silver contains which of the following metals?

A. Cu, Zn

B. Fe, Zn

C. Zn, Fe, Ni

D. Cu, Zn, Ni

Answer: D



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3. What is the role of limestone during the extraction of iron from heamatite ore?

- A. Leaching agent
- B. oxidising agent
- C. Reducing agent
- D. Flux

Answer: D



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4. Which of the following is not added during the extraction of silver by cyanide process?

A. NaCN

B. Air

C. Zn

D. $Na_2S_2O_3$

Answer: C



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5. Which of the following oxides is reduced by water gas to obtain the metal during its extraction?

- A. NiO
- B. ZnO
- $\mathsf{C}.WO_3$
- D. Fe_2O_3

Answer: A



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6. The chemical reaction that involves roasting process is

A. $Fe_2O_3 + 3CO
ightarrow 2Fe + 3CO_2$

B. $2AI+Fe_2O_3
ightarrow2Fe+Al_2O_3$

C. $2ZnS + 3O_2
ightarrow 2ZnO + 3SO_2$

D. $FeO + SiO_2
ightarrow FeSiO_3$

Answer: C



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