

Extractive Metallurgy Quiz Questions and Answers Pdf

1. Which is the cheapest method of metal extraction?
 - a. Hydrometallurgical
 - b. Pyrometallurgical
 - c. Electrometallurgical
 - d. All are equally cheap

Ans: A

2. Main flux used in smelting of tin is
 - a. Limestone
 - b. Silica
 - c. Manganese ore
 - d. Fluorspar

Ans: A

3. Fire refining of blister copper is done to produce _____ copper.
 - a. tough
 - b. very high purity (99.99)%
 - c. very high electrical conductivity
 - d. electrolytic

Ans: A

4. The main/maximum use of lead is in the
 - a. Storage batteries manufacture
 - b. Lining of chemical equipment
 - c. Bearing material manufacture
 - d. Paint manufacture

Ans: A

5. The main deposit of zinc ore in India is in
 - a. Jharkhand
 - b. Bengal
 - c. Orissa

d. Rajasthan

Ans: D

6. Which is not an ore of lead?

a. Galena

b. Anglesite

c. Cerussite

d. Azurite

Ans: D

7. Most significant and important property of lead is its

a. Low melting point

b. Shock absorbing capacity

c. High resistance to corrosion

d. High crystallization temperature

Ans: C

8. The main basic flux is

a. Limestone and dolomite

b. Quartz and sand

c. Alumina and gravel

d. Magnesia and silica

Ans: A

9. Electrometallurgical method is widely employed for the extraction of

a. Al and Mg

b. Fe

c. Zn

d. Pb

Ans: A

10. Which of the following operations use physical means to yield a product enriched in the metal bearing mineral?

a. Hydrometallurgy

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- b. Pyrometallurgy
- c. Electrometallurgy
- d. Mineral dressing

Ans: D

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