

Metals

1. Define minerals.
2. What is an ore?
3. What is calcination of ores ?
4. Which metal is extracted from magnetite and argentite?
5. Name some important methods of concentrating ores.
6. Define Roasting and Calcination.
7. How is the method of extracting the metals high up in the reactivity series different from the method of extracting other metals?
8. Write the principles of the fourth floatation process and electromagnetic separation.
9. Briefly describe the methods by which concentrated ore is converted into metallic oxides for the extraction of metals.
10. Write a note on roasting and calcination with suitable diagrams.
11. Why is gold found in the free state?

12. Why Iron and aluminium do not freely occur in nature?