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S.Y.B.SC. SEMESTER- I
CHEMISTRY PAPER – II (INORGANIC CHEMISTRY)

QUESTION BANK
CHAPTER 1 – PRINCIPLES OF METALLURGY

Q1) Answer the following 1 marks each
a) Define the term calcination.
b) What is reduction of ore?
c) What is ore?
d) What is poling?
e) Define the term ‘Roasting’.
f) What is mineral?

Q2) Answer the following 2/3 marks each
1) Distinguish between ore and mineral.
2) Write short note on magnetic separation.
3) What is calcination?
4) What is roasting? Mention different types of roasting.
5) Explain concentration of ore by magnetic separation method.
6) Distinguish between roasting and calcination.
7) Froth floatation process.
8) Electrolytic refining.
9) Explain the refining of metals by 1) Poling 2) Electrolytic refining.
10) Mention the different types of ores with suitable examples.
11) What is reduction of ore?
Q3 Answer the following 4/5/6 marks each

1) What is dressing of ore? Explain the gravity separation for purification of ores
2) Write a note on Aluminothermic process.
3) Define concentration of ore. Explain froth floatation process.
4) Distinguish between roasting and calcination.
5) What is flux? Write the different types of fluxes which are used in removal of various impurities.
6) What is concentration of ore? Explain magnetic separation method for concentration of ore.