

Model Question paper
General Introduction to Metallurgy 1

11th Standard

Chemistry

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 00:45:00 Hrs

Total Marks : 35

Part - A

3 x 2 = 6

- 1) Distinguish between ore and mineral with suitable example?
- 2) What are the elements obtained from sea water source?
- 3) What are the different methods of concentration of ores?

Part - B

3 x 3 = 9

- 4) What are the major steps involved in the metallurgical process?
- 5) What is calcination? Give example
- 6) What is the principle involved in Bessemer process?

Part - C

4 x 5 = 20

- 7) Write a short note on a source of an element in a living system.
- 8) Explain froth flotation process with neat diagram.
- 9) How electrolytic separation process useful in the separation of magnetic impurities from non-magnetic ores? Draw the diagram.
- 10) How the impurities are removed by a chemical method?

