

Model Question paper
General Introduction to Metallurgy 3

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) What are the elements obtained from sea water source?
- 2) What is gravity separation?
- 3) Define Metallurgy

Part - B

3 x 3 = 9

- 4) What are the major steps involved in the metallurgical process?
- 5) What is meant by electrolytic refining? Give example.
- 6) What do you understand by the following terms i) roasting ii) smelting

Part - C

4 x 5 = 20

- 7) Explain froth flotation process with neat diagram.
- 8) How the impurities are removed by a chemical method?
- 9) What is smelting? Explain the process with an example.
- 10) How is nickel extracted by Mond's process? Write the various reactions involved in the process.

