

SLIP TEST- 13
CHAPTER- 13 : PRINCIPLES OF METALLURGY

Name:..... Section:..... Roll No:..... Max.Marks:20

I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M

1) Define the following.

(i) Calcination (ii) Smelting (iii) Gangue (iv) Slag

2) Explain about magnetic separation with a neat diagram.

II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M

3) Write the formulae of the following ores.

(i) Bauxite (ii) Epsom salt (iii) Horn silver (iv) Galena

4) Name the main stages in extraction of metals from ores.

III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M

5) Name any two alloys.

6) What are the precautions to be taken to reduce corrosion of metals.

IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M

7) The process of extraction of metals from their ores is []

A. Metallurgy B. Mining C. Curing D. Refining

8) Iron (III) oxide []

A. Fe_2O_3 B. Fe_3O_4 C. FeO D. Fe_2O

9) This is not the part of a furnace []

A. Hearth B. Cmney C. Fire box D. Magnetic wheel

10) The metal that occurs in the native form is []

A. Lead (Pb) B. Gold (Au) C. Iron (Fe) D. Mercury (Hg)

11) The reducing agent in thermitte process is []

A. Aluminium B. Magnesium C. Iron D. Silicon

12) method is useful for sulphide ores (in dressing the ore) []

A. washing B. froth floatation
C. hand picking D. magnetic separation