



ST. JOSEPH STUDY CENTRE

12th STD: Unit Test-1

CHEMISTRY

Time: 1 Hr / Total Marks: 25

I. Answer any 5 of the following questions:

[5 x 2 = 10]

1. Write about gravity separation.
2. What is cementation?
3. What is acid leaching?
4. Write the limitations of Ellingham diagram.
5. Give the basic requirement for vapour phase refining.
6. Write about liquation process of refining a metal.

II. Answer any 3 of the following questions:

[3 x 5 = 15]

7. The selection of reducing agent depends on the thermodynamic factor. Explain with an example .
8. Write about aluminothermic process.
9. Explain the observations from the Ellingham diagram.
10. Explain Froth Flotation.

-----ALL THE BEST-----

Test should be written under the supervision of your parents and get the answer paper signed from them.

No corrections should be made after the test timings. We expect your honesty.

Test Papers have to be submitted after the completion of all the 4 tests.

Submission Date of Test Papers: 1st June, 2nd June, 3rd June

Timings: 9 AM – 12.30 PM / 5 PM- 7 PM