

THIRUVANANTHAPURAM EDUCATIONAL DISTRICT
CHAPTER 4 (MODULE 1)

CHEMISTRY
STANDARD X

MODULE 1 – PRODUCTION OF METALS -ANSWER KEY



1. Aluminium
2. Bauxite ($\text{Al}_2\text{O}_3 \cdot 2\text{H}_2\text{O}$)
3. The metallic compounds generally seen in the earth's crust are called minerals. A mineral from which a metal is economically, easily and quickly extracted, is called ore of the metal. Ore must have following properties
 - Abundance
 - Easily and cheaply separable
 - High metal contentAll minerals does not possess these properties. So all ores are minerals, but all minerals are not ores.
4. Calamine
5. Three important stages in metallurgy are
 - Concentration of ores
 - Extraction of metal from concentrated ore
 - Refining of metals