



ASSIGNMENT NO. 2

SUBJECT: SCIENCE

CLASS-VII

JULY'2026

Chapter-4: The World of Metals and Non-Metals

Answer the following questions :

1. What are the essential conditions for rusting?
2. Write the differences between metals and non-metals on the basis of their physical properties.
3. Sodium metal is kept in kerosene but not water. Why?
4. Suppose a new material was discovered. It is shiny, can be drawn into wires and conducts electricity well. Would you classify it as a metal or a non-metal? Why?
5. Write a short note on elements.
6. You are given the following materials. Classify them into metals and non-metals.
Iron, Coal, Sulphur, Gold, Nitrogen, Aluminium and Copper.
7. What happens when sulphur burns in air?
8. Describe with the help of an activity the reaction of metal with oxygen.

Chapter-5: Changes Around Us: Physical and Chemical

Answer the following questions :

1. Name the gas released when baking soda is mixed with vinegar.
2. Define the term bioluminescence.
3. Explain the following:
 - (i) Lime water turns milky on passing carbon dioxide gas into it.
 - (ii) Bubbles are produced when acetic acid is added to a solution of sodium hydrogen carbonate.
4. Write the characteristics of a chemical change.
5. List conditions under which combustion can take place.
6. Explain weathering of rocks.
7. Is air essential for combustion? Explain with the help of an activity.
8. Explain why burning of wood and cutting it into small pieces are considered as two different types of changes.