



## ASSIGNMENT NO. 2

**SUBJECT: CHEMISTRY**

**CLASS-X**

**MAY,2025**

### **Chapter :1 Chemical Reactions and Equations.**

#### **Answer the following questions :**

1. Why is hydrogen peroxide kept in coloured bottles ?
2. Give one example of a reaction which is double displacement reaction as well as precipitation reaction?
3. (i) Write two observations when lead nitrate is heated in a test tube ?  
  
(ii) Name the type of reaction.  
  
(iii) Write a balanced chemical equation to represent the above reaction.
4. Why does zinc plate develop holes when placed in copper sulphate solution for a few hours/days ?
5. Can we stir silver nitrate solution with a copper spoon ? Why or why not?
6. Why is respiration considered an exothermic process ?
7. Taking a suitable example ,explain that oxidation and reduction take place side by side.
8. What is corrosion ? Why aluminium sheets do not corrode easily?
9. Write two ways by which food industries prevent rancidity .
10. Aqueous solutions of sulphuric acid and sodium hydroxide react to form aqueous sodium sulphate and water. Write balanced equation .