

## ASSIGNMENT - 5 (CHEMISTRY)

CLASS-8

### CHAPTER – MATTER

1. Name the scientist who gave law of conservation of mass.
2. State the law of conservation of mass. Give one example to illustrate this law.
3. What is the difference between 2H and H<sub>2</sub>?
4. Balance the following equation :-
  - i)  $\text{Mg}_3\text{N}_2 + \text{H}_2\text{O} \longrightarrow \text{Mg}(\text{OH})_2 + \text{NH}_3$
  - ii)  $\text{CuO} + \text{NH}_3 \longrightarrow \text{Cu} + \text{N}_2 + \text{H}_2\text{O}$