

Acid Base And Salt**Section A: Fill in the Blanks**

1. Substances that turn blue litmus red are called _____.
2. Substances that turn red litmus blue are called _____.
3. A solution that is neither acidic nor basic is called _____.
4. The chemical name of baking soda is _____.
5. Turmeric is a natural _____ indicator.
6. Acids taste _____ and bases taste _____.
7. When an acid reacts with a base, the reaction is called _____.
8. Common salt and water are produced during a _____ reaction.

Section B: True or False

1. Lemon juice is a basic substance. ()
2. Soap solution turns red litmus blue. ()
3. Neutral substances do not change the colour of litmus. ()
4. Vinegar is an example of a base. ()
5. Milk of magnesia is used to treat acidity in the stomach. ()
6. Distilled water is neutral. ()

Section C: Identify the Substance State whether the following are **Acidic**, **Basic**, or **Neutral**:

- | | |
|-------------------------|-----------------------------------|
| 1. Lemon juice | Soap solution |
| 2. Pure water | Vinegar |
| 3. Baking soda solution | Blood |
| 4. Milk | Antacid tablet dissolved in water |