

POOJA MODEL SCHOOL

PRACTICE WORKSHEET

Week-1, July 2025

Class: 7

Chapter – 4: Acids, Bases and Salts

Topics: Acids, Bases, Indicators

Q1. Multiple Choice Questions

1. Substances that taste sour are usually:

- a) Salts
- b) Acids
- c) Bases
- d) Metals

2. Which one of these is a natural indicator?

- a) Soap
- b) Vinegar
- c) Litmus
- d) Sugar

3. Bases usually taste:

- a) Sweet
- b) Salty
- c) Bitter
- d) Sour

4. When blue litmus paper is dipped in an acid, it turns:

- a) Red
- b) Green
- c) Yellow
- d) No change

5. A solution which turns red litmus blue is:

- a) Acidic
- b) Basic
- c) Neutral
- d) Salty

6. Common salt is chemically called:

- a) Sodium carbonate
- b) Sodium chloride
- c) Calcium chloride
- d) Potassium hydroxide

7. Which of these is a base?

- a) Lemon juice
- b) Vinegar
- c) Baking soda solution
- d) Carbon dioxide gas

8. Indicators help us to identify whether a substance is:

- a) Magnetic or non-magnetic
- b) Hot or cold
- c) Acidic or basic
- d) Solid or liquid

Q2.Short Answer Questions

1. Give one example each of a natural and a synthetic indicator.

2. Write the chemical name of common salt and mention one of its uses.