

Sri Vidyaniketan Public School- Sriramnagar

GRADE: 7

LIVE WORKSHEET: 1

Unit: Acids, Bases and Salts

I. Fill in the blanks:

- 1) Acids are _____ in taste and _____ in nature.
- 2) The most commonly used natural indicator is _____.
- 3) Aqueous solution of baking soda is bitter in taste and feels soapy on touching because it contains _____.
- 4) China rose indicator turns acidic solution to _____ and basic solution to _____.
- 5) _____ are used to test whether a substance is acidic or basic in nature.

II. Choose the correct answer:

- 1) What is the color change observed when phenolphthalein indicator is added to acidic solution?
 - a) pink
 - b) green
 - c) red
 - d) colorless
- 2) Neutralization reaction is a _____.
 - a) physical and reversible change
 - b) physical and irreversible change
 - c) chemical and reversible change
 - d) chemical and irreversible change

3) The correct way of making a solution of acid in water is to add

- a) acid to water
- b) water to acid
- c) acid to acid

4) The solutions which do not change the color of either blue or red litmus are called _____ solutions.

- a) acidic solutions
- b) neutral solutions
- c) basic solutions
- d) both basic and acidic solutions

5) What are the products of neutralization reaction?



- a) $\text{NaCl} + \text{H}_2\text{O}$
- b) $\text{NaH} + \text{Cl}$
- c) $\text{NaOH} + \text{H}_2\text{O}$