Chapter 5 : Acids, Bases and Salts

Fill in the blanks :

1. Spinach contains_____ acid while tamarind contains _____ acid.
2. The gas which escapes out from many aerated soft drink is _____
3. Carbon burns in air to form _____
4. The chemical name of lime water is _____
5. _____ is the reaction between an acid and base.
6. An aqueous solution of sodium oxide changes _____ litmus to blue.
7. Phenolphthalein indicator turns acidic solutions to _____ and basic solutions to _____.
8. The chemical name of moist baking soda is _____
9. Calamine solution contains _____(a base).
10. Litmus is obtained from the _____
11. Curd contains _____ while vinegar contains _____

Complete the following word equations :

1. Zinc + hydrochloric acid _____ + _____
2. Sodium hydroxide + Hydrochloric acid _____ + _____
3. Calcium hydroxide + sulphuric acid _____ + _____

True or False :

1. All acids turn blue litmus red. True / False
2. Neutral solution can change the colour of litmus. True / False
3. Orange juice turns blue litmus red. True / False
4. Substances which are neither acidic nor basic are called neutral. True/ False
5. An acid and a base neutralize each other and from a salt. True / False.
6. China rose indicator turns acidic solution to green. True / False

Name the following :

1. Two natural indicators.
2. One artificial indicator
3. Two pollutants in the air which causes acid rain.
4. Two substances which can neutralize an ant's bite.
5. Two acids found in citrus fruits.

Define

1. Indicators
2. Neutral solution