

Name :

Date :

Introduction to Acid, Base, and Salt

1) Which one of the following is acidic?

- a) Lemon juice b) Tomato c) Milk d) All

Answer ____

2) Which one of the following with turn red litmus blue?

- a) Vinegar b) Baking soda c) Lemon juice d) Soft drinks

Answer ____

3) Which one of the following with turn blue litmus red?

- a) Vinegar b) Lime water
c) Baking soda solution d) Washing soda solution

Answer ____

4) Lime water is

- a) CaO b) $\text{Ca}(\text{OH})_2$ c) CaCO_3 d) CaCl_2

Answer ____

5) A compound that turns lime water into colorless again when excess carbon dioxide is made to pass through it is

- a) Calcium carbonate b) Calcium bicarbonate
c) Calcium oxide d) Calcium hydroxide

Answer ____

6) Which among the following is an alkali oxide?

- a) Carbon dioxide b) Sulfur dioxide c) Sodium oxide d) Nitrogen oxide

Answer ____

7) What gas is liberated when dilute sulfuric acid reacts with zinc granules?

- a) Sulfur dioxide b) Carbon dioxide c) Nitrogen d) Hydrogen

Answer ____

8) A solution reacts with crushed eggshells and releases a gas that turns lime water milky. The solution contains

- a) NaCl b) HCl c) LiCl d) KCl

Answer ____

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Introduction to Acid, Base, and Salt

Answers

1) Which one of the following is acidic?

- a) Lemon juice b) Tomato c) Milk d) All

Answer d

2) Which one of the following with turn red litmus blue?

- a) Vinegar b) Baking soda c) Lemon juice d) Soft drinks

Answer b

3) Which one of the following with turn blue litmus red?

- a) Vinegar b) Lime water
c) Baking soda solution d) Washing soda solution

Answer a

4) Lime water is

- a) CaO b) Ca(OH)₂ c) CaCO₃ d) CaCl₂

Answer b

5) A compound that turns lime water into colorless again when excess carbon dioxide is made to pass through it is

- a) Calcium carbonate b) Calcium bicarbonate
c) Calcium oxide d) Calcium hydroxide

Answer b

6) Which among the following is an alkali oxide?

- a) Carbon dioxide b) Sulfur dioxide c) Sodium oxide d) Nitrogen oxide

Answer c

7) What gas is liberated when dilute sulfuric acid reacts with zinc granules?

- a) Sulfur dioxide b) Carbon dioxide c) Nitrogen d) Hydrogen

Answer a

8) A solution reacts with crushed eggshells and releases a gas that turns lime water milky. The solution contains

- a) NaCl b) HCl c) LiCl d) KCl

Answer b