

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Acids, Bases and Salts

Q1. Give examples of some acids and bases.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. What are indicators?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. What is the effect of the China rose indicator on acidic and basic solutions?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. Ammonia is found in many household products, such as window cleaners. It turns red litmus blue. What is its nature?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5. Why a turmeric stain on my white shirt is turned to red when it is washed with soap.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q6. How to prepare lime water?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Acids, Bases and Salts

Q1. Give examples of some acids and bases.

Ans. Acids - Curd, lemon juice, vinegar, orange juice etc.

Base - baking soda, lime water etc.

Q2. What are indicators?

Ans. Solutions of substances that show different colour in acidic, basic and neutral solutions are called indicators.

Q3. What is the effect of the China rose indicator on acidic and basic solutions?

Ans. China rose indicator turns acidic solutions to dark pink (magenta) and basic solutions to green.

Q4. Ammonia is found in many household products, such as window cleaners. It turns red litmus blue. What is its nature?

Ans. Ammonia is basic in nature as it turns the red litmus blue.

Q5. Why a turmeric stain on my white shirt is turned to red when it is washed with soap.

Ans. A turmeric stain on my white shirt is turned to red when it is washed with soap because the soap solution is basic in nature.

Q6. How to prepare lime water?

Ans. To prepare limewater, dissolve some lime (chuna) in water in a bottle.

Stir the solution and keep it for some time. Pour a little from the top.

This is lime water.