Topics: Acids, Bases and Salts
Subtopics:More about Salts

Questions

Q1.A milkman adds a very small amount of baking soda to fresh milk.
(a) Why does he shift the pH of the fresh milk from 6 to slightly alkaline ?
(b) Why does this milk take a long time to set as curd ?

Q2. Plaster of Paris should be stored in a moisture proof container. Explain why?

Q3. Give two important uses of washing soda and baking soda.

Q4. What will happen if a solution of sodium hydrogen carbonate is heated? Give the equation of the reaction involved ?

Q5.Name the sodium compound which is used for softening hard water.

Q6. Write an equation to show the reaction between plaster of Paris and water.

Q7.(i) Give the constituents of baking powder
(ii) Why does cake or bread swell on adding baking powder? Write a chemical equation.

Q8. Write the chemical equation involved in the preparation of sodium hydroxide. Name the process.

Q9.A gas ‘X’ reacts with lime water and forms a compound ‘Y’ which is used as a bleaching agent in the chemical industry. Identify ‘X’ and ‘Y.Give the chemical equation of the reactions involved.

Q10.What is meant by ‘water of crystallisation’ of a substance ?