

JSUNIL TUTORIAL SAMASTI PUR , BIHAR

Chapter-2

Acids, Bases and Salts

1-marks questions.

1. What happens to the pH of milk. When it gets spoil ?
2. Why are people suffering from stomach pain due to acidity advised to drink cold milk.
3. What is an olfactory indication ?
4. How do farmers neutralise the effect of acid rain on their fields ?
5. Why should used be not kept in copper vessel ?
6. Which element is common in all acids ?
7. Doctors use a paste of white substance in water to maintains a factured bone fixed in its place. Identify the substance and while its chemical formula.
8. An aqueous solutions of an acid conducts electricity, Give reason.
9. What is the role of water in litmus test of an acid ?
10. When the concentrated aqueous solutions of substance X is electrolysed, then NaOH, Cl₂ and H₂ are produced, name the substance X. What is the special name of the process ?

2 marks questions

1. A sanitary worker uses a while substance having a strong smell of chlorine to clear a water tanks. Identify the substance and write the equation of the chemical reaction for its preparation.
2. How can you test the gas produced during the reactions between Zinc granule and sodium hydroxide is hydrogen ?
3. A baker found that the cake made by him is small in size, and hard. Which ingredient the has forgotten to add ? What chemical reaction take place when that ingredient is present in the cake.
4. What is difference between baking soda and baking powder ?

5. Why acid must always be added to water and not the other way round to dilute this acid.
6. What is the cause of irritations of bee sting and what is its remedy ?
7. What happens when bleaching powder is exposed to air ?

3- marks questions

1. An element P does not react with dilute sulphuric acid. It forms an oxide PO which turns red litmus to blue. Will you call P as metal or non-metal ? Give 6 reasons for your answer.
2. What is bleaching powder ? Give equations for its reactions with
(i) HCl (ii) CO_2 (iii) H_2SO_4

5-Marks question.

1. Define neutralisation, give practical application of neutralisations ?

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