

Acid Bases and Salts

Previous Year Questions

- Q.1.** (a): Why does an aqueous solution of an acid conduct electricity?
(b): How does the concentration of H_3O^+ ions change when a solution of an acid is diluted?
- Q.2.** (a) What is Plaster of Paris?
(b) Write the chemical equation for its preparation from gypsum.
(c) Why should it be stored in a moisture-proof container?
- Q.3.** (a) What is neutralization reaction? Give one example.
(b) Why should curd and sour substances not be kept in brass and copper vessels?
- Q.4.** (a) Name the acid present in: (i) Vinegar, (ii) Tamarind.
(b) What happens when an acid reacts with a metal carbonate? Write the chemical equation.
- Q.5.** Explain the following with the help of a chemical equation:
(a) What happens when an acid reacts with a metal?
(b) What happens when a base reacts with a metal?
- Q.6.** : What is "Plaster of Paris"? Write its chemical formula and one use. How is it prepared from Gypsum?
- Q.7.** What are "Antacids"? Name one common antacid used to get relief from acidity in the stomach.
- Q.8.** Why should curd and sour substances not be kept in brass and copper vessels?
- Q.9.** Why do HCl , HNO_3 , etc., show acidic character in aqueous solutions while solutions of compounds like alcohol and glucose do not?

Q.10. Give the chemical name and formula of "Baking Soda" and "Washing Soda". Write one use of each.