

Q.1 What is the Arrhenius theory of acids and bases? Give examples.

Q.2 What is meant by water of crystallization?

Q.3 Classify acids on the basis of basicity. Give examples.

Q.4 Define and give examples of strong and weak acids.

Q.5 What happens when acids react with metals? Write a balanced equation and explain.

Q.6 What are salts? How are they formed?

Q.7 What is the reaction between bases and non-metal oxides? Give a balanced equation.

Q.8 Describe the physical properties of acids.

Q.9 Write a brief note on neutralization reaction with a real-life example.

Q.10 Why is pH important in everyday life? Give at least two examples.