

**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.**