

BRAIN INTERNATIONAL SCHOOL

Chemistry Assignment

Class: X

May'18

Chapter-2: Acids, Bases and Salts

1. What is the difference between an acidic salt and a normal salt?
2. What will be the nature of copper sulphate solution and why? Comment on its pH.
3. When exposed to air, bleaching powder gives a smell of chlorine. Why?
4. Why is sulphuric acid called 'King of chemicals'?
5. What is the difference between a strong base and a weak base? Give two examples of each of them.
6. What happens when sodium hydroxide solution is heated with (a) zinc (b) aluminium.
7. Briefly explain the basic theory of the manufacture of baking soda.
8. Why does tooth decay start when the pH of the mouth is lower than 5.5?
9. Crystals of copper sulphate are heated in a test tube for sometime:
 - (a) What is the colour of copper sulphate crystals, before heating and after heating?
 - (b) What is the source of liquid droplets seen on the inner upper side of the test tube during the heating process?
10. Comment on the statement "all alkalis are bases but all bases are not alkalis".