



Question Bank

Grade 7- Science

Chapter 6 -Acids, Bases and Salts

Answer the following questions:

1. What is the test for acids and bases using litmus paper?
2. What name is given to those substances which do not change the colour of either red or blue litmus paper?
3. Write the name of two indicators which occur naturally.
4. Name the acid present in lemon juice and tomato.
5. Name a substance which is used to cure the discomfort caused by indigestion due to over eating.
6. Why does a turmeric stain on white shirt is turned to red when it is washed with soap?
7. Name the reaction when an acid is mixed with base.
8. Write two basic substances which we use in our daily life.
9. Name one indicator which turns red on adding an acid.
10. Name one indicator which turns red on adding a base.
11. Write the characteristics of acids by which we can identify acids.
12. What is a salt? Name any salt and give their formulae.
13. Name the sodium salts of hydrochloric acid and carbonic acid. How are they useful to us?
14. Mention any two synthetic and naturally occurring indicators.
15. Which chemical substance is commonly known as limestone, Epsom salt and common salt?
16. What do you understand by pH? What is the range of pH scale? Mention the pH value range for acid, basic and neutral substances. Give one example of each.
17. Mention any two uses of baking powder and limestone.
18. What comes first, name of metal or non-metal while naming a salt?
19. What salt do we get when a strong acid reacts with a weak base?
20. What does pH measure?

21. What is the range of pH scale?
22. If pH value of a solution is 0, what does it indicate?
23. Write the chemical formula of hydrochloric acid.
24. Name the element that is common to both sulphuric acid and carbonic acid.

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