

Fri – Science

DOS 21-07-14

Q1. What is the source of litmus solution? Write the use of this solution.

Q2. Pretend that you are a base. Now, answer the following :

1. What is your taste?
2. Which of the following belong to your group
Curd, baking soda, calcium hydroxide, spinach, tamarind, magnesium hydroxide, vinegar, milk of magnesia.
3. What are the products formed when you react with an acid?
4. What is the above reaction called?
5. Write an example of the above reaction with the help of a chemical equation.

Q3 i. A solution 'X' is treated with a blue litmus paper. It did not show any color change. What conclusion can you draw about the nature of the solution?

ii. Then a drop of phenolphthalein is dropped in this solution and the color changes to pink. Can you confirm the nature of 'X' now?