

Acids, Bases and salts

1. Classify the following substances as acids and bases :
Tomato juice, tamarind juice, curd, toothpaste, soap solution, raw mangoes.
2. Some acids, bases and salts are commonly used in our daily life. Find out the names of such substances, specify whether they are acids, bases or salts and write their uses.
3. what are mineral acids.? Give two examples.
4. complete the table given below :

Name of the substance	Type of acid Natural / mineral	Source
Acetic acid		
Fizzy drinks		
Lactic acid		
Citric acid		
Tartaric acid		
Formic acid		

5. write any two general properties of acidic substances.
6. Name any three mineral acids.
7. **What happens when :**
 - i. Magnesium is burnt in the presence of Oxygen and the product obtained is added to water
 - ii. An acid and a base is reacted.
 - iii. Blue litmus is added to vinegar.
 - iv. Lemon juice is added to baking soda

8. Complete the given table :

Indicator	Colour change	
	Acidic medium	Basic medium
Blue litmus		
	Colour less	Pink
China rose extract	Red	
	Yellow	Reddish brown

8. What are indicators? Give examples. Why do we use indicators?
9. What are neutral substances?
10. Ammonia is used in many household products like window cleaners. It turns red litmus to blue. What is the nature of ammonia?
11. What causes acidity in stomach? Why does a doctor recommend an antacid to a person suffering from acidity.