

Dr.K.K.R GOWTHAM EDUCATIONAL INSTITUTIONS-A.P
X -Chapter Wise revision Schedule

ACIDS ,BASES AND SALTS

1 Mark Questions

1. Categorize the following as acids, bases, and salts:
Lemon juice, salt water, soap water, tamarind juice, surf water, lime water.
2. Why are curd and sour substances not kept in copper vessels?
3. All alkalis are bases but all bases are not alkalis. Do you agree with the statement? If yes, why?

2 Mark Questions:

4. What are the uses of Bleaching powder?
5. The pH values of six solutions A,B,,C,,D,E,F are given as 5,2,1,3,7 and 9 respectively. Which solution is
a) Neutral b) strongly alkaline c) strongly acidic d) weakly acidic
Arrange the pH in increasing order of Hydrogen ion concentration.

4 Mark Questions:

6. Define the following . Give one example for each.
a) Strong acid b) Strong Base c) Weak acid d) Weak base.
7. Collect information about various organic acids different occurring naturally and prepare a table.

8 Mark Questions:

- 8 Read the information given in the table and answer the following questions.

Solution	pH Value	Reaction with Phenolphthalein solution	Reaction with Methyl orange solution
HCl	1	No colour change	Turns into red colour
Distilled water	7	No colour change	No colour change
NaOH	13	Turns into pink colour	Turns into yellow colour
Lemon juice	2.5	No colour change	Turns into red colour
NaCl	7	No colour change	No colour change
Baking Soda	8	Turns into pink colour	Turns into yellow colour

- a) List out the acids in the above table.
- b)What is the nature of the solution which gives pink colour with Phenolphthalene solution?
- c) List out the neutral solutions in the above table.
- d) Name the strongest acid and the strongest base among the given solutions.