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Class 10th
Chapter 2(Acid Base and Salt)
Worksheet 1

All questions are compulsory

1. Define

a. Acid b. Base c. Salt

2. Write the names of
strong acid, strong base
Weak acid, weak base.

3. What is pH value?.

4. What is litmus paper?

5. write the pH value of

a, Acetic acid(vinegar)

b, baking soda

c, distilled water

6. write the reaction of hydrogen ion
with water.

Or how hydronium ion is formed?

7. what happen when, water put over
acid?

8. What should be

a, Acid is mixed with water or

b, water is mixed with acid, and
why?

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Worksheet 2

All questions are compulsory

1. After the reaction of metal with acid which gas is liberated?

Give suitable example.

2. When sodium zincate and sodium aluminate is formed?

3. What happens

a. when carbon dioxide gas is passed through lime water, and

b. if excess amount of carbon dioxide is passed through lime water.

4. What will be the nature of acid if acid is diluted with water?

5. Does base produce hydrogen gas after the reaction with metal?



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Worksheet 3

All questions are compulsory

- 1.why should curd and sour substance not be kept in brass and copper vessels?
- 2.for detection of Hydrogen gas what should do?
- 3.what is neutralisation reaction and give example?
- 4.on the basis of pH scale . explain the nature of acid base and neutral.
- 5.complete the following reaction
 - a. $\text{Zn} + \text{HCl}$
 - b. $\text{Mg} + \text{CH}_3\text{COOH}$
 - c. $\text{CaCO}_3 + \text{CH}_3\text{COOH}$
 - d. $\text{Mg} + \text{HNO}_3$
 - e. $\text{Al} + \text{HNO}_3$