

INTERNATIONAL INDIAN SCHOOL, DAMMAM
CLASS VII C.S.
CHAPTER – 5 : ACIDS, BASES & SALTS
WORKSHEET

I Name the following

1. Substances which are bitter in taste and feel soapy on touching
2. Any 3 naturally occurring indicators
3. Name the acid present in the vinegar
4. Acid present in the Ant's sting
5. Acid present in the curd
6. An antacid
7. Chemical name of lime water
8. The base present in the soap
9. The solution which is neither basic nor acidic
10. Chemical name of slaked lime
11. Any 2 acids present in acid rain
12. A colourless indicator used in lab
13. Chemical name of milk of magnesia
14. The base which is added when the soil is too acidic
15. The acid present in the cell which controls every feature of the body.

II Fill in the Blanks

1. _____ acid is present in Tamarind and Grapes
2. Litmus paper turns _____ colour in acidic solution while _____ colour in basic solution
3. Vitamin C is also known as _____
4. China rose indicator turns acidic solution to _____ colour
5. Litmus is extracted from _____
6. Phenolphthalein turns _____ color in basic solution, it remains _____ in acidic solution
7. Proteins are made of _____
8. Complete the equation Acid + Base \longrightarrow _____ + water
9. Sodium hydrogen carbonate is commonly known as _____

III Correct the Statement

1. When the soil is basic it is treated with quick lime
2. In acidic solution phenolphthalein gives pink color
3. China rose indicator turns basic solutions to magenta color
4. Spinach contains citric acid

IV Define the following

1. Indicators
2. Neutral Solution
3. Neutralisation
4. Acid Rain

Match the following

- | | |
|----------------------|----------------------|
| 1. Acid Rain | -Calcium oxide |
| 2. Stalked Lime | -Sulphur dioxide |
| 3. Sodium Chloride | -Calcium hydroxide |
| 4. Quick Lime | -Magnesium hydroxide |
| 5. Milk of Magnesia | -Zinc carbonate |
| 6. Calamine Solution | -Salt |

VI Choose the correct answer

- Which one of the following does not causes acid rain
a) Carbon dioxide b) Calcium oxide c) Nitrogen dioxide d) Sulphur dioxide
- Which one of the following is acidic in nature
a) Vinegar b) Lime water c) Soap d) Milk of Magnesia
- Which one of the following is basic in nature
a) Curd b) Vinegar c) Tamarind d) Soap
- Phenolphthalein remains colourless in _____ solution
a) Acidic b) Basic c) Neutral
- Calcium hydroxide is called as _____
a) Lime water b) Quick lime c) Stalked lime

- END -