



INDIAN SCHOOL DARSAIT
DEPARTMENT OF CHEMISTRY
WORKSHEET



Subject : SCIENCE

**Chapter : Acids, Bases and
Salts**

Date : 10-5-2017

Resource Person: Mr. Harikrishnan P

Date of submission:

Name of the Student : _____ Class & Division : VII--- Roll Number : -----

1.	Which is the acid present in tamarind and grapes? (a) Acetic acid (b) Tartaric acid (c) Citric acid (d) Oxalic acid	1
2.	The substance which turns red litmus to blue is (a) Hydrochloric acid (b) Soap solution (c) Sodium chloride (d) Sugar solution	1
3.	What is milk of magnesia? (a) Sodium hydroxide (b) Potassium hydroxide (c) Magnesium hydroxide (d) Ammonium hydroxide	1
4.	The chemical name of slaked lime is (a) Magnesium hydroxide (b) Calcium hydroxide (c) Ammonium hydroxide (d) Sodium hydroxide	1
5.	Acid turns blue litmus to ----- whereas base turns red litmus to -----	1
6.	Write any two examples of natural indicators.	1
7.	Name any two synthetic indicators used in laboratory.	1
8.	Bases which are soluble in water are called -----	1
9.	Cold drinks or aerated soft drinks contain (a) Carbonic acid (b) Citric acid (c) Lactic acid (d) Acetic acid	1
10.	What is the chemical name of baking soda?	1
11.	What are neutral substances? Give two examples.	1

12.	Each cell in our body contains an acid. Name the acid.	1																																																							
13.	Proteins are made up of -----	1																																																							
14.	Name any two bases used to neutralise the soil when it is acidic.	1																																																							
15.	Why is milk of magnesia used in antacids?	2																																																							
16.	Write any two differences between an acid and a base.	2																																																							
17.	Match the following: (1) Coffee (a) Phenolphthalein (2) Calamine solution (b) Ascorbic acid (3) Vitamin C (c) Acidic (4) Colourless indicator (d) Ant bite (e) Basic	2																																																							
18.	Slaked lime is added to the industrial waste before it is discharged into the river. Why?	2																																																							
19.	Complete the following table: <table border="1" data-bbox="207 968 1425 1423"> <thead> <tr> <th></th> <th>Test solution</th> <th>Phenolphthalein</th> <th>China rose petal extract</th> <th>Turmeric solution</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Hydrochloric acid</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>Sodium hydroxide</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>Acetic acid</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>Ammonium hydroxide</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>Sulphuric acid</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>Calcium hydroxide</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>Sodium chloride</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>Sugar solution</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td>Nitric acid</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>Baking soda solution</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Test solution	Phenolphthalein	China rose petal extract	Turmeric solution	1	Hydrochloric acid				2	Sodium hydroxide				3	Acetic acid				4	Ammonium hydroxide				5	Sulphuric acid				6	Calcium hydroxide				7	Sodium chloride				8	Sugar solution				9	Nitric acid				10	Baking soda solution				3
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20.	Write the reaction between dilute sulphuric acid and lime water. Also identify the type of reaction. Will the reaction mixture become hot or cool? Why?	3																																																							