

UNIT TEST - BASIC SCIENCE

TIME:40 Minutes

ACIDS AND BASES.

MARK:25

ACTIVITY 1

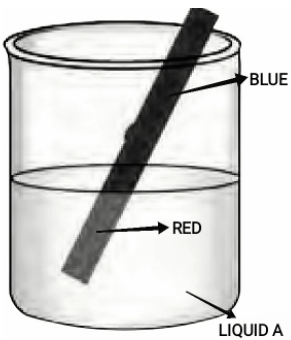
Examine the statements given below. Classify them on the basis of properties of acids and bases.

- a. Has sour taste
- b. Turns to pink when phenolphthalein is added
- c. Slippery
- d. Turns to pink when methyl orange is added
- e. Turns the colour of Pathimugam water into yellow
- f. Red litmus turns blue
- g. Reacts with metals to produce hydrogen
- h. Has alkaline taste

Answer

ACID	BASE

ACTIVITY 2



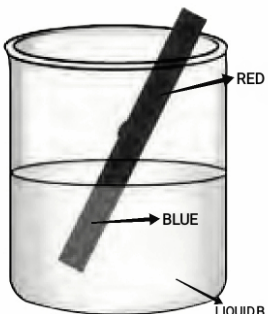
A) What would liquid A be in the picture (Acid / Base)

B) Write two examples of such liquids

Answer

A:

B:



A) What would liquid B be in the picture (Acid / Base)

B) Write two examples of such liquids

Answer

A:

B:

ACTIVITY 3

List the change that occurs when Phenolphthalein and Methyl orange are added to the following solutions

LIQUID	PHENOLPHTHALEIN	METHYL ORANGE
Vinegar		
Clear Lime Water		
Lemon Juice		
Soap Water		
Baking soda		
Tamarind Water		

ACTIVITY 4

Find the acids in the following food items



A).....

B).....

C).....

D).....



- Write the name of the bacteria seen in the picture
- Write the name of the acid produced by this bacteria

Answer.

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ACTIVITY 5 A) Which gas is formed in the test tube

B) Write the use of following acids and bases Formic acid, Sulphuric acid, Calcium hydroxide, Sodium hydroxide

