

ACTIVITY REPORT

TITLE OF EXPERIMENT:

Testing of pH

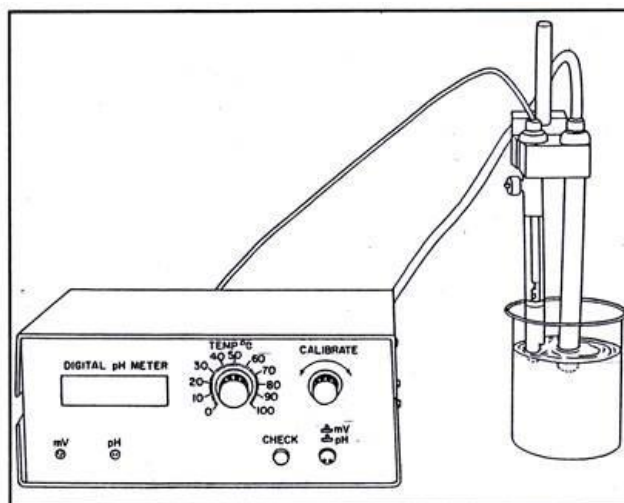
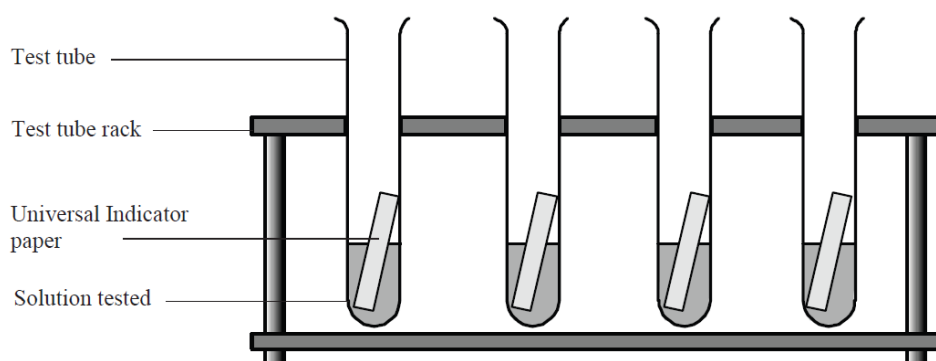
INTRODUCTION:

This is an experiment to test the pH of a variety of materials using the pH scale

OBJECTIVE:

This experiment aims to distinguish the values of pH of acids and bases commonly used in daily life using litmus paper (universal indicator), a pH-meter and the scale of pH.

MATERIALS AND APPARATUS USED:



□ Fig 1.1

A digital pH meter

METHOD:

- 1) Label the test tubes A-F, and add a spatula full of each chemical of each test tube
- 2) Add 1 ml of water to each test tube and shake it to dissolve the chemical it contains.
- 3) Place a piece of universal indicator paper into each test tube.
- 4) Note and record the pH (using a pH colour chart) of each chemical.

RESULTS:

Substance tested	Colour observed	pH value
Salt		
Lemon juice		
Toothpaste		
Sodium carbonate		
Vinegar		
Soap flakes		
Oven cleaner		

CONCLUSIONS:

Modified from Students Laboratory Notebook.