

# PRACTICAL LIST OF CHEMISTRY

## CLASS-XII

How to write the Practical ?

- Experiment no.
- Aim
- Material Required
- Theory
- Observation table
- Calculation
- Result
- Pre Caution

How to write the Activity as following points

- Same as Experiment.
- To make a project file on their choice Topic and Model as well as.

### LIST OF EXPERIMENT

- |                  |  |
|------------------|--|
| Experiment-10.1  | To study some simple tests of carbohydrates.   |
| Experiment-10.2  | To study some simple tests of oils and fats.   |
| Experiment-10.3  | To study some simple tests of proteins.  |
| Experiment-10.4  | To detect the presence of carbohydrates, fats and proteins in the following food stuffs: Grapes, Potatoes, rice, butter, biscuits, milk, groundnut, boiled egg |
| Experiment-10.5  | To identify the $\text{CO}_3^-$ carbonate radical in the given unknown salt solution?  |
| Experiment-10.6  | To identify the $\text{SO}_4^-$ sulphate radical in the given unknown salt solution?   |
| Experiment-10.7  | To identify the $\text{S}^{2-}$ sulphide radical in the given salt solution?   |
| Experiment-10.8  | To identify the $\text{CH}_3\text{COO}^-$ acetate radical in the given known salt solution?  |
| Experiment-10.9  | To identify the $\text{C}_2\text{O}_4^-$ oxalate radical in the given salt solution?   |
| Experiment-10.10 | To identify the $\text{NO}_3^-$ nitrate radical in the given salt solution?  |
| Experiment-10.11 | To identify the $\text{Pb}^{++}$ in the given salt solution?   |
| Experiment-10.12 | To identify the $\text{Cu}^{++}$ in the given salt solution?   |

Experiment-10.13 To Prepare M/40 solution of oxalic acid. With its help, determined the Molarity and strength of the given solution of potassium permanganate?

Experiment-10.14 To prepare 0.005M solution of ferrous ammonium sulphate (mohrs salt). using this solution and find out the Molarity and strength of the given  $\text{KmnO}_4$  Solution?

Experiment-10.15 To identify the function group in the given organic compound?

Experiment-10.16 (a) test for alcohol

Experiment-10.17 (b) test for phenol

Experiment-10.18 (c) test for aldehyde

Experiment-10.19 (d) test for ketone

Note-any sixteen will be conducted in 12<sup>th</sup> std

### Qualitative Analysis of basic radical and acidic radical

9.14-Analysis of group - Zero ( $\text{NH}_4^+$ ) carbonate radicals ( $\text{Co}_3^{--}$ )

9.15-Analysis of group I - (Silver ) sulphate radicals (  $\text{SO}_4^{--}$ )

9.16-Analysis of group II - (Copper group) Nitrate radical ( $\text{No}_3^-$ )

9.17-Analysis of group III - (Iron group) Sulphide radical ( $\text{SO}_3^{--}$ )

9.18-Analysis of group IV - (Zinc group) sulphite radicals (  $\text{S}^{--}$ )

9.19-Analysis of group V - (Calcium group) acetate radicas ( $\text{CH}_3\text{COO}^-$ )

9.20-Analysis of group VI - (Magnesium group)

Experiment-9.1- To analyse the give salt for acidic and basic radicals.

Experimnet-9.2- To analyses the given salt for acidic and basic redical.

Experiment-9.3 to prepare M/40 solution of oxalic acid. With its help, determined the Molarity and strength of the given solution of potassium permanganate?

experiment 9.4 To prepare 0.005M solution of ferrous ammonium sulphate (mohrs salt). using this solution and find out the Molarity and strength of the given  $\text{KmnO}_4$  Solution?