

Fbise 10th Class Chemistry List of Practicals and Model questions for Exam 2024

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List of Practicals

- i. Determination of boiling point of Ethanol
- ii. Sublimation of naphthalene
- iii. Separation of given mixture
- iv. Determine the Melting point of Biphenyl
- v. Demonstrate sublimation using solid Ammonium Chloride
- vi. Prepare 100cm³ of 0.1M NaOH solution
- vii. Prepare 250 cm³ of 0.1 M HCl solution
- viii. Standardise the given NaOH solution Volumetrically
- ix. Standardise the given HCl solution Volumetrically
- x. Determine the exact molarity of the Na₂CO₃ solution Volumetrically
- xi. identify aldehydes using Fehling's test and Tollen's test
- xii. Identify carboxylic acids using sodium carbonate test
- xiii. Demonstrate that miscible liquids dissolve in each other and immiscible liquid do not
- xiv. Demonstrate the conductivity of different given solutions
- xv. Demonstrate that compounds can be products of a decomposition reaction
- xvi. Identify saturated and unsaturated organic compounds by KMnO₄ test
- xvii. Demonstrate the softening of water by removal of calcium ions from hard water
- xviii. Classify substances as acidic, basic or neutral
- xix. identify sodium, calcium radicals by flame test

Note: Questions to be asked in place of Practical Notebook and Viva Voce. (Total Marks 06)

Write answers of any three of the following questions on your answer sheet.

1. Unsaturated hydro carbon can be identified by which reaction? (Marks 02)
2. Flame test is used for the identification of the metal ions. What is the colour of sodium and calcium ions? (Marks 02)
3. Capillary tube is used for what purpose? Write the name of experiment in which it is used? (Marks 02)
4. Write the name and formula of two salts whose solution is acidic in nature. (Marks 02)

Note: The above questions will be asked from students as replacement of the marks of Practical Notebook and Viva Voce.