



FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION
H-8/4, ISLAMABAD



CHEMISTRY SSC
(National Curriculum 2006)
PRACTICAL EXAMINATION

S #	List of Practicals
1.	Determination of boiling point of Ethanol
2.	Sublimation of naphthalene
3.	Separation of given mixture
4.	Determine the Melting point of Biphenyl
5.	Demonstrate sublimation using solid Ammonium Chloride
6.	Prepare 100cm ³ of 0.1M NaOH solution
7.	Prepare 250 cm ³ of 0.1 M HCl solution
8.	Standardize the given NaOH solution Volumetrically
9.	Standardize the given HCl solution Volumetrically
10.	Determine the exact molarity of the Na ₂ CO ₃ solution Volumetrically
11.	Identify aldehydes using Fehling's test and Tollen's test
12.	Identify carboxylic acids using sodium carbonate test
13.	Demonstrate that miscible liquids dissolve in each other and immiscible liquid do not
14.	Demonstrate the conductivity of different given solutions
15.	Demonstrate that compounds can be products of a decomposition reaction
16.	Identify saturated and unsaturated organic compounds by KMnO ₄ test
17.	Demonstrate the softening of water by removal of calcium ions from hard water
18.	Classify substances as acidic, basic or neutral
19.	Identify sodium, calcium radicals by flame test

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.

Q.NO	Questions	Marks
1.	Unsaturated hydro carbon can be identified by which reaction?	(02)
2.	Flame test is used for the identification of the metal ions. What is the colour of sodium and calcium ions?	(02)
3.	Capillary tube is used for what purpose? Write the name of experiment in which it is used?	(02)
4.	Write the name and formula of two salts whose solution is acidic in nature.	(02)

Note: The above questions will be asked from students as replacement of the marks of Practical Notebook and Viva Voce. The rest of the conduct/format of practical examination will continue as per practice in vogue.