

Chemistry Syllabus for Class 12 (2018- 2019)

Term 1:

1. The Solid State
2. Solutions
3. Haloalkanes and Haloarenes
4. Alcohols, Phenols and Ethers
5. Aldehydes, Ketones and Carboxylic Acids
6. Amines
7. Surface Chemistry
8. Electrochemistry
9. Polymers
10. Chemistry in Everyday Life

Term 2:

1. Biomolecules
2. General Principles and Processes of Isolation of Elements
3. The p-Block Elements
4. The d and f-Block Elements
5. Co-ordination Compounds
6. Chemical Kinetics

Practical syllabus

1. Qualitative analysis – inorganic salt analysis
2. Titration – potassium permanganate vs. ferrous ammonium sulphate
3. Titration - potassium permanganate vs. oxalic acid
4. Chromatography- Separation of pigments in leaf extract by paper chromatography
5. Preparation of inorganic compound - Mohr's salt
6. Preparation of organic compound – 2-naphthol aniline dye
7. Surface Chemistry- Preparation of lyophilic and lyophobic sols
8. Electrochemistry- Set up Daniel cell and determine its e.m.f.
9. Tests to detect presence of carbohydrates, fats and proteins
10. Chemical Kinetics

Date of Release 15/03/2018	Rev No: 00	Prepared by Ms. Reshmi Subject Educator (NSD)	Verified by Ms. Veronica Wing Head (NSD)	Approved by: Mr. Abhay Mathur / Mr. Deepak Khaitan Principal / Director (NSD)
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