

Maharshi Patanjali Vidya Mandir, Allahabad
Syllabus : 2018- 2019
Subject : Chemistry
Class - XII

April - Solid state, Solutions

May - Electrochemistry, General principles and process of isolation of elements, Chemistry in everyday life (self study for class presentation)

July - Biomolecules, Haloalkanes and haloarenes, Alcohols, Phenol and ethers

August - Alcohols, Phenol and Ethers (contd.), Aldehydes, Ketones and Carboxylic Acids

September - Organic compounds containing Nitrogen, Chemical Kinetics

October - Surface Chemistry, Co-ordination Chemistry

November - Polymers, P-block elements (15, 16, 17 & 18 groups)

December - d – and f-block elements

1st Unit Test-	Solid state, Solutions, Electrochemistry, Chemistry in every-day life, General principles and process of isolation of elements.
Half yearly--	Solid state, Solutions, Electrochemistry, Chemistry in Every-day Life, (2) General Principles and processes of isolation of elements, Biomolecules, Haloalkanes and Haloarenes Alcohols, Phenol and Ethers Aldehydes, Ketones and Carboxylic acids, Organic Compounds containing Nitrogen
Pre Board Exams	Complete Syllabus

Chemistry Practical

Ist Term –1. Salt Analysis - Test for Cations and anions

2. Core – Experiments –

- a. To prepare double salt
- b. To Identify carbohydrate, fats and proteins in a given food – stuff.
- c. To prepare a colloidal sol of starch
- d. To separate the coloured components present in the black ink by paper chromatography and compare R_f value.
- e. To prepare a sample of Iodoform
- f. To detect the presence of functional group in a given organic sample.

IInd Term –

Preparation of standard solution of Mohr's salt and oxalic acid and determination of molarity of unknown KMnO₄ solution.