

ST. JOSEPH'S CONVENT HIGH SCHOOL, CBSE – CHITTARANJAN

Syllabus Details

Session– 2024-25

Subject – CHEMISTRY(043)

Class – XII

For Exam – Unit Test 1

Books Recommended: 1. NCERT

2. MODERN'S abc+ (Dr S P Jauhar)

3. NCERT Exemplar

MONTH	BOOKS / SECTION	LESSON(S) / TOPIC(S)	SUGGESTED ACTIVITIES & PROJECTS
APRIL	UNIT 1 : Solutions UNIT 2 : Electrochemistry UNIT 6: Haloalkanes and Haloarenes	<ul style="list-style-type: none"> ➤ Unit 1: (Solutions) <ul style="list-style-type: none"> • Types of solutions • Expressing Concentration of Solutions • Solubility • Vapour pressure of Liquid Solutions • Ideal and Non Ideal solutions • Colligative properties and determination of Molar mass • Abnormal Molar Mass ➤ Unit 2: (Electrochemistry) <ul style="list-style-type: none"> • Electrochemical cell • Galvanic Cells • Nernst Equation • Conduction of Electrolytic solutions • Electrolytic cells and Electrolysis • Batteries • Fuel cells • Corrosion ➤ Unit 6: (Haloalkanes and Haloarenes) <ul style="list-style-type: none"> • Haloalkanes- Nomenclature, Nature of C-X bond, Physical and Chemical properties, 	PRACTICALS <ul style="list-style-type: none"> • Volumetric Analysis • Salt Analysis

			<p>Optical rotation mechanism of substitution Reaction</p> <ul style="list-style-type: none"> • Haloarenes – Nature of C-X bond, Substitution reaction(halogen in monosubstituted compounds only) • Uses and Environmental effects Polyhalogen compounds 	
MAY	UNIT 6		<ul style="list-style-type: none"> • Haloarenes – Nature of C-X bond, Substitution reaction(halogen in monosubstituted compounds only) • Uses and Environmental effects Polyhalogen compounds 	