



ST. PETER'S COLLEGE GARAKU

Scheme of work for:

Term: 3rd , **Session:** 2019/2020, **Class:** SSS2 , **Subject:** Chemistry

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Week	Topic	Contents	Students' activities	References
1	Oxidation & Reduction	<ul style="list-style-type: none"> - Definitions - Examples - Oxidizing & Reducing agents 	<ul style="list-style-type: none"> - Checking text material for an illustration - Paying attention to explanations 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
2	Oxidation & Reduction continue	<ul style="list-style-type: none"> - Operations with redox reaction - Calculation of Oxidation number - Naming of mineral using IUPAC system 	<ul style="list-style-type: none"> - Checking text material for an illustration - Calculating - Paying attention to explanation 	i New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
3	Oxidation & Reduction continue	<ul style="list-style-type: none"> - Applications of oxidations number - Test for oxidizing & reducing agents - Redox balancing 	<ul style="list-style-type: none"> - Checking text material for an illustration - Calculating - Paying attention to explanation 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
4	Electrolysis	<ul style="list-style-type: none"> - Meaning - Mechanism & - Examples of electrolytic reaction 	<ul style="list-style-type: none"> - Checking text material for an illustration - Paying attention to explanation 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
5	Electrolysis	<ul style="list-style-type: none"> - Terms associated with electrolysis - Factors affecting the selective discharge of ions during electrolysis. - Electrolysis of conc. And dil. Solutions 	<ul style="list-style-type: none"> - Checking text material for an illustration - Paying attention to explanation - Calculating 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
6	Electrolysis	<ul style="list-style-type: none"> - Faraday's laws - Applications of faraday's 1st & 2nd laws - Uses of electrolysis 	<ul style="list-style-type: none"> - Checking text material for an illustration - Paying attention to explanation - Calculating 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text

7	Mid-Term examination	Mid-Term examination	Mid-Term examination	Mid-Term examination
8	Organic Chemistry 1	<ul style="list-style-type: none"> - Meaning & characteristics of organic compounds - Classification of Hydrocarbons - 	<ul style="list-style-type: none"> - Checking text material for an illustration - Paying attention to explanation 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
9	Organic Chemistry 1 Continue	<ul style="list-style-type: none"> - Isomerism - Types of isomers - Homologous series & its characteristics - Alkane & Alkene: Preparations, Uses, characteristics - Chemical test 	<ul style="list-style-type: none"> - Checking text material for an illustration - Paying attention to explanation - Calculating 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
10	Organic Chemistry 1 Continue	<ul style="list-style-type: none"> - Alkynes & Alkanol: Preparations, Uses, characteristics - Chemical test for alkenes & Alkyne, 	<ul style="list-style-type: none"> - Checking text material for an illustration - Paying attention to explanation - Calculating 	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
11	Revision	Revision	Revision	Revision
12	Examination	Examination	Examination	Examination
13	Examination	Examination	Examination	Examination
14	Compilation	Compilation	Compilation	Compilation

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