



D.M.PUBLIC SCHOOL

PARSIA, PUTKI, DHANBAD

Fortnightly Syllabus Planning (2024-25)

Class: X

Subject: CHEMISTRY

New Session begins on 4th April, 2024

Sl No	Duration	No. of Teaching Days	Syllabus to be covered
1	5 th April - 15 th April	7	CHAPTER- 1 Chemical Reactions and Equations Introduction Defination, Examples
2	16 th April – 30 th April	7	The Characterstics of Chemical reactions with Examples, balancing of chemical Equations,
3	1 st May – 15 th May	7	Types of Chemical Reaction with Examples and Reactions,
4	16 th June – 30 st June	7	Redox reactions in everyday Life, Rancidity, Prevention from rancidity (Revision)
5	1st July – 9th July - PRE MID TERM EXAMINATION		
6	10 th July – 31 th July	14	CHAPTER- 2 Acid base and Salts, Introduction, Indicators, types of Indicators,
7	1 st Aug – 15 th Aug	7	Types of acids, Their Origin, Differnce between Organic and Inorganic acids,
8	16 th Aug – 31 st Aug	7	Bases- Types of Bases, Difference between acids and bases, Concepts of pH scale,
9	1 st Sep – 12 th Sep	7	preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris. Revision
10	13st Sep– 1th Oct - MID TERM EXAMINATION		
11	2 st Oct – 15 th Oct	7	CHAPTER-3 Metals and Non Metals, Introduction, Physical properties of metals and Non Metals,
12	16 th Oct – 31 st Oct	7	The Chemical properties of metals and Non Metaks , Concepts of Metalloids, Reaction of Metals with acids and waters,
13	1 st Nov – 15 th Nov	7	Reactivity Series, Properties of Ionic Compounds, Extractions of Metals

14	16 th Nov – 30 th Nov	7	The concept of Corrosion, Prevention from corrosion, Revision.
15	2st Dec– 10th Dec - POST MID TERM EXAMINATION		
16	11 th Dec – 24 st Dec	7	CHAPTER-04 Carbon and Its Compounds, Introduction, The Covalant Compounds, Types of covalent compounds
17	3 st Jan – 15 th Jan	7	Carbon and Its Allotropes, versatile nature of carbon , Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons.
18	16 th Jan – 31 st Jan	7	Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.
19	1 st Feb – 15 th Feb	7	Revision NCERT Intext and excercise questions
20	20th Feb to 8th March: Annual Examination		

Portion For Assessments

Assessment	Portion
PRE MID TERM (PT 1)	Chemical reactions and equations
MID TERM	Chemical reactions and equations Acid base and Salts
POST MID TERM (PT 2)	Metals and Non Metals
ANNUAL	Chemical reactions and equations Acid base and Salts Metals and Non Metals Carbon and its compounds