

THE WISDOM GLOBAL SCHOOL**SYLLABUS BIFURCATION****GRADE 12****SUBJECT:- CHEMISTRY****NAME OF BOOKS: NCERT PART-I & II****YEAR 2022-23****NAME OF THE TEACHER:- MR. GUNJIT CHAUHAN**

S.NO	BOOK NAME	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB-TOPICS	NO. OF DAYS REQUIRED	ACTIVITY/PROPS	SMART BOARD(PPT / VIDEO)	CHARTS
1	NCERT PART-I	APRIL	2	SOLUTION	TYPES OF SOLUTIONS	1	NO	PPT	NO
2		APRIL			EXPRESSION OF CONCENTRATION OF SOLUTIONS	2	NO	PPT	NO
3		APRIL			SOLUBILITY OF GASES IN LIQUIDS, SOLID SOLUTIONS, RAOULT'S LAW	1	YES	PPT	NO
4		APRIL			COLLIGATIVE PROPERTIES	2	YES	PPT	NO
5		APRIL			DETERMINATION OF MOLECULAR MASSES USING COLLIGATIVE PROPERTIES	2	NO	PPT	NO
6		APRIL			ABNORMAL MOLECULAR MASS, VANT HOFF FACTOR	2	NO	PPT	NO
7		APRIL			TEST	1	NO	NO	NO
8	NCERT PART-II	MAY	14	BIOMOLECULES	CARBOHYDRATES - CLASSIFICATION (ALDOSES AND KETOSES)	2	NO	PPT	NO
9		MAY			MONOSACCAHRIDES GLUCOSE AND FRUCTOSE	2	YES	PPT	NO
10		MAY			PROTEINS -ELEMENTARY IDEA OF - AMINO ACIDS, PEPTIDE BOND	2	YES	PPT	NO
11		MAY			STRUCTURE OF PROTEINS	2	NO	PPT	NO
12		MAY			DENATURATION OF PROTEINS	1	NO	PPT	NO
13		MAY			ENZYMES	1	NO	PPT	NO
14		MAY			HORMONES	1	NO	PPT	NO
15		MAY			VITAMINS - CLASSIFICATION AND FUNCTIONS.	2	NO	PPT	NO

16		MAY			NUCLEIC ACIDS: DNA AND RNA.	1	NO	PPT	NO
17		MAY			TEST/REVISION	4	NO	NO	NO
PRE MID TERM ASSESSMENT									
18	NCERT PART-I	JULY	3	ELECTROCHEMISTRY	EMF OF A CELL, STANDARD ELECTRODE POTENTIAL	2	NO	PPT	NO
19		JULY			NERNST EQUATION AND ITS APPLICATION TO CHEMICAL CELLS	3	NO	PPT	NO
20		JULY			RELATION BETWEEN GIBBS ENERGY CHANGE AND EMF OF A CELL	2	NO	PPT	NO
21		JULY			CONDUCTANCE IN ELECTROLYTIC SOLUTIONS, SPECIFIC AND MOLAR CONDUCTIVITY	3	NO	PPT	NO
22		JULY			KOHLRAUSCH'S LAW	2	NO	PPT	NO
23		JULY			ELECTROLYSIS AND LAW OF ELECTROLYSIS	3	NO	PPT	NO
24		JULY			DRY CELL-ELECTROLYTIC CELLS AND GALVANIC CELLS, LEAD ACCUMULATOR, FUEL CELLS, CORROSION.	4	YES	PPT	NO
25	NCERT PART-I	JULY	4	CHEMICAL KINETICS	RATE OF A REACTION (AVERAGE AND INSTANTANEOUS	2	YES	PPT	NO
26		JULY			FACTORS AFFECTING RATE OF REACTION & ORDER AND	2	NO	PPT	NO
27		JULY			RATE LAW AND SPECIFIC RATE CONSTANT	2	NO	PPT	NO
28		JULY			INTEGRATED RATE EQUATIONS AND HALF-LIFE	3	NO	PPT	NO
29		AUGUST			ACTIVATION ENERGY & ARRHENIUS EQUATION	3	NO	PPT	NO
30		AUGUST			TEST	1	NO	NO	NO
31	NCERT PART-II	AUGUST	10	HALOALKANES AND HALOARENES	HALOALKANES: NOMENCLATURE, NATURE OF C-X BOND	3	NO	PPT	NO
32		AUGUST			PHYSICAL AND CHEMICAL PROPERTIES OF HALOALKANES	3	NO	PPT	NO
33		AUGUST			OPTICAL ROTATION MECHANISM OF SUBSTITUTION REACTIONS.	2	NO	PPT	NO

34		AUGUST			HALOARENES: NATURE OF C-X BOND	2	NO	PPT	NO
35		AUGUST			SUBSTITUTION REACTIONS OF HALOARENES	3	NO	PPT	NO
36		AUGUST			USES AND ENVIRONMENTAL EFFECTS OF POLYHALOGEN COMPOUNDS	2	NO	PPT	NO
37		AUGUST			TEST/REVISION	3	NO	PPT	NO
MID TERM ASSESSMENT									
38	NCERT PART-II	SEPTEMBER	11	ALCOHOLS, PHENOLS AND ETHERS	ALCOHOLS: NOMENCLATURE, METHODS OF PREPARATION	2	NO	PPT	NO
39		SEPTEMBER			PHYSICAL AND CHEMICAL PROPERTIES OF PRIMARY ALCOHOLS ONLY	3	NO	PPT	NO
40		SEPTEMBER			PHENOLS: NOMENCLATURE, METHODS OF PREPARATION	2	NO	PPT	NO
41		SEPTEMBER			PHYSICAL AND CHEMICAL PROPERTIES OF PHENOLS	3	NO	PPT	NO
42		OCTOBER			ETHERS: NOMENCLATURE, METHODS OF PREPARATION	2	NO	PPT	NO
43		OCTOBER			PHYSICAL AND CHEMICAL PROPERTIES OF ETHERS	3	NO	PPT	NO
44		OCTOBER			TEST/REVISION	3	NO	NO	NO
45	NCERT PART-I	OCTOBER	8	d & f BLOCK ELEMENTS	ATOMIC PROPERTIES AND PHYSICAL PROPERTIES OF d-BLOCK ELEMENTS	4	YES	PPT	YES
46		OCTOBER			LANTHANIDS	2	NO	PPT	NO
47		OCTOBER			ACTINOIDS	1	NO	PPT	NO
48		OCTOBER			TEST	1	NO	NO	NO
49	NCERT PART-I	OCTOBER	9	COORDINATION COMPOUNDS	COORDINATION COMPOUNDS - INTRODUCTION, LIGANDS, COORDINATION NUMBER	2	NO	PPT	NO
50		NOVEMBER			COLOUR, MAGNETIC PROPERTIES AND SHAPES OF COORDINATION	2	NO	PPT	NO
51		NOVEMBER			IUPAC NOMENCLATURE OF MONONUCLEAR COORDINATION COMPOUNDS	2	NO	PPT	NO
52		NOVEMBER			WERNER'S THEORY	2	NO	PPT	NO
53		NOVEMBER			VBT	2	NO	PPT	NO

54		NOVEMBER			CFT, STRUCTURE AND STEREOISOMERISM	2	NO	PPT	NO
55		NOVEMBER			TEST	1	NO	NO	NO
56	NCERT PART-II	NOVEMBER	12	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	ALDEHYDES AND KETONES: NOMENCLATURE, NATURE OF CARBONYL GROUP	2	NO	PPT	NO
57		NOVEMBER			METHODS OF PREPARATION OF ALDEHYDES AND KETONES	2	NO	PPT	NO
58		NOVEMBER			CHEMICAL PROPERTIES OF ALDEHYDES AND KETONES	2	YES	PPT	NO
59		NOVEMBER			CARBOXYLIC ACIDS: NOMENCLATURE, ACIDIC NATURE	2	NO	PPT	NO
60		NOVEMBER			METHODS OF PREPARATION OF CARBOXYLIC ACID	3	NO	PPT	NO
61		NOVEMBER			CHEMICAL PROPERTIES OF CARBOXYLIC ACID	3	NO	PPT	NO
62		DECEMBER			TEST	1	NO	NO	NO
63	NCERT PART-II	DECEMBER	13	AMINES	AMINES: NOMENCLATURE, CLASSIFICATION, STRUCTURE	1	NO	PPT	NO
64		DECEMBER			METHODS OF PREPARATION OF AMINES	1	NO	PPT	NO
65		DECEMBER			CHEMICAL PROPERTIES OF AMINES	2	YES	PPT	NO
66		DECEMBER			IDENTIFICATION OF PRIMARY, SECONDARY AND TERTIARY AMINES.	1	NO	PPT	NO
67		DECEMBER			DIAZONIUM SALTS: PREPARATION	1	NO	PPT	NO
68		DECEMBER			CHEMICAL REACTIONS AND IMPORTANCE OF DIAZONIUM SALT	2	NO	PPT	NO
69		DECEMBER			TEST/REVISION	2	NO	PPT	NO
POST MID TERM									
PRE BOARD ASSESSMENT									