

**Syllabus 2021-2022**

Month	Week	Unit	Topic	Page No
June	3	1	Basic Concepts of Chemistry and Chemical Calculations	Vol I – 01 – 26
		2	Quantum Mechanical Model of Atom	38 - 56
	4		<b>Monthly test</b>	June month Portion
July	1	3	Periodic Classification Of Elements	68 – 91
	2	4	Hydrogen	100 -115
	3	6	Gaseous State	158 – 175
	4		<b>First Mid Term Test</b>	June & July Portion
August	1	5	Alkali and Alkaline Earth Metals	126 -148
	2 &3	7	Thermodynamics	187 - 218
	4		<b>Monthly test</b>	August month Portion
September	1& 2		<b>Revision – Quarterly Examination (June to September portion)</b>	
	3		<b>Quarterly Examination</b>	
October	1	8	Physical and Chemical Equilibrium	Vol II 01 - 20
	2	11	Fundamentals of Organic Chemistry	110 – 153
	3	12	Basic concept of organic reactions	161 – 174
	4		<b>Monthly test</b>	October Month Portion
November	1	9	Solutions	30 – 59
	2	13	Hydrocarbons (13.1 to 13.4)	178 - 204
	3	13	Hydrocarbons (13.5 only)	205 – 217
	4		<b>Second Mid Term Test</b>	Oct and Nov Month Portion
December	1	14	Haloalkanes and Haloarenes (14.1&14.2)	225 - 244
	2		<b>Revision – Half Yearly Examination</b>	
	3		<b>Half Yearly Examination ( Full Portion)</b>	
January	1	14	Haloalkanes and Haloarenes (14.6)	245 - 250
	2	10	Chemical bonding	67 - 102
	3&4	15	Environmental Chemistry	259 - 277
February	1&2		<b>First Revision Test ( Full Portion)</b>	
	3&4		<b>Second Revision Test ( Full Portion)</b>	