

HPBOSE Class 12 Chemistry Reduced Syllabus 2020-21 PDF

+2 Class Chemistry		Annexure-Q
Sr. No.	Unit/Chapters/Topics	Deleted Topic
01	Solid State	Electrical & magnetic Properties (Page 26,27,28,29 & 30) (Period 2) (As these are taught in Physics)
02	Solution	Solubility of gases in liquids (Henry's Law) (Page 40,41,42,43, Part of P 43) Abnormal molar Masses i.e Vant Hoff Factor (Page 57,58,59) (Period 4)
03	Electro Chemistry	Experimental measurement of conductivity (Page 77,78, & 79 (Part) Dry Cell (88), Lead storage cell (89) corrosion (91) (Mercury cell, Ni/cd cell & Fuel cell still in syllabus (Period 2)
04	Chemical Kinetics	Collision Theory (117) Activation Energy, Arrhenius Equations (113,114,115) (Period 03)
05	Surface Chemistry	Factors affecting adsorption of gases on solids (127) catalysis: Homogeneous, heterogeneous, activity, selectivity & enzyme catalysis (Page 129,130, 131,132,133,134) (Period 04)
06	General Principles & processes of Isolation of elements	Occurrence and principles of extraction of Al, Cu, Zn & Fe (Page 159,160,161,162,163) (period 3)
07	P-Block Elements	Compounds of N : Preparation and properties of oxides of N (177 and 178) Allotropic forms of phosphorous (180,181) preparation and properties of phosphate, halides of P (PCl_3 , PCl_5) and oxo acids of P (182,183,184) preparation, properties of SO_2 , Ox acids of S (193,194,195)
08	D and F Block Elements	Preparation and properties of $\text{K}_2\text{Cr}_2\text{O}_7$ and KMnO_4 (Page 231,232,233 Applications of d & f block elements (239) (Period 4)
09	Co-ordination compounds	Isomerism i co-ordination compounds (251,252,253) Importance of co-ordination compounds (263,264) (period 2)
10	Halo alkenes & Halo arenes	Uses and environmental effects of dichloromethane (CH_2Cl_2) CHCl_3 , CCl_4 , CHI_3 , Freons, DDT (317, 318)
11	Alcohols, Phenols and Ethers	Mechanisms of different reactions and uses phenols, alcohols and ether (period 2)
12	Aldehydes, Ketones & Carboxylic acids	Mechanisms of reactions & Uses of RCHO , RCOR , RCOOH . (Period 2)
13	Amines	-Nil-
14	Bio molecules	Structure of glucose (Page 413,414,415,416) Structure of protein (Primary Secondary, Tertiary & Quaternary (Page 422, 423, 424) (period 4)
15	Polymers	-Nil-
16	Chemistry in Everyday life	Chemicals in food and cleansing agents (Page 457, 458, 459 & 460) (Period 2)
+1 Class (Deleted Practical Portion) Chemistry		
Sr. No.	Experiments	
01	Chemical Kinetics	
02	Thermodynamics	
03	Electro chemistry	
04	Chromatography	
05	Preparation of Organic compounds	
06	Tests for the functional groups present in organic compounds.	