

हर घर पाठशाला

Syllabus for First Terminal Examination Sept 2021

Class	12
Subject	Chemistry

- Total Chapters : Chapter 1 to 7
- Maximum marks : 50
- Time allowed : 3 H
- Total Number of Questions:
 - Q.1 to 20 Objective type Questions (MCQ, Fill ups and True/false) carrying 1 Mark each
 - Q.N. 21 to 29 Subjective Type Questions (Carrying 2 Marks each)
 - Q.N. 30 to 33 Subjective Type Questions (Carrying 3 marks each)
- Chapter wise distribution of Marks

Chapter	1 Mark	2 Marks	3 Marks	Total Questions	Total Weightage
1	3	1		4	5
2	3	1	1	5	8
3	4	1	1	6	9
4	3	1	1	5	8
5	3	1	-	4	5
6	2	1	-	3	4
7	2	3	1	6	11
Total	20	9	4	33	50

- No questions will be asked from syllabus deleted by HPBOSE.

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)

Ajay Kumar Nanda
Nodal Office Chemistry