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Subject: Chemistry High School

High School Rasayan

R.B. VI/XI-57/H-7

Page	Line	Mistakes	Nature of mistakes	Correct form	remarks
15	3	Liebig	Fact	Liebig's	
52	3 to 25	?	Not required		Delete.
52	26	Proportion	Fact	Proportions	
67	12-27		Not reqd. (Vide syllabus 1960)		Delete
68	Whole page		Do		"
69	1-9		"		"
79	2	दए सिंकोरि ए	Fact	3H दए 2H सिंकोरि दए मि के मि के दए सिंकोरि	This is the translation of Holmyard's definition of eq. wt. The printed definition given in the book is incorrect.
79	2-3	9 मि के ... दए सिंकोरि	Fact	ए सिंकोरि के मि के 9 मि के सिंकोरि के दए सिंकोरि	
82 & 83	18-27 & 1-2		Not reqd. (Vide syl. 1960)		Delete the marked portions.
87		Determination of eq. wts of oxygen + chlorine should be described (Vide syl. 1960) Determination of percentage composition compound to be described (")			
93	9 & 11	HOH		H ₂ O	
93	10	2HOH ₂	Ptg.	2H ₂ O	
94	3-7		Not reqd.		Delete
		Salts (acid + neutral) should be explained (Vide 1960 syl.)			
95	13-25		Not reqd.		Delete
95 & 96		Examples of oxidation by addition of O ₂ and removal of H ₂ , and of reduction by addition of H ₂ & removal of O ₂ should be given.			
96	1-4 & 13-21		Not reqd.		Delete
97 & 99	whole pages		Not reqd.		Delete
102	1-12		"		"

- 215 Preparation of SO_2 (with equations) by burning Sulphur in air or oxygen should be given (Vide syllabus)
- 215 22 SO_2 must never be collected over water as it is highly soluble in water. It is usually collected by the upward displacement of air. A figure of the apparatus should be given.
- 222 18 Action of (dil + conc.) H_2SO_4 on Zn, Fe, + Cu to be given } vide 1960 syl.
 " " H_2SO_4 on NaNO_3 , NaCl. + Na_2CO_3 to be given
- 223 19 $\text{Al}(\text{OH})_3$ Sp. $\text{Al}(\text{OH})_3$
- 234 7 Action of Cl_2 on Arsenic to be given (vide syl. for 1960)
- 238 5-6 HCl Fact HCl
- " Fig. of the apparatus for preparing HCl gas to be given.
- 248 4 Action of NaOH on HCl , H_2SO_4 + HNO_3 to be given (vide 1960 syl.)
- 259 Properties & uses of Steel to be given "
- 280 ~~K_2SO_4~~ $\text{Al}_2(\text{SO}_4)_3 \cdot 12\text{H}_2\text{O}$ Fact. K_2SO_4 $\text{Al}_2(\text{SO}_4)_3 \cdot 24\text{H}_2\text{O}$.
- 281 The description & uses of Nitre or potassium nitrate (KNO_3) should be given (Vide 1960 syl.)

From the OTHER REVIEWER

- 5 The distinction between Organic & Inorganic Chemistry could have been a little more detailed.
- 11 Fig. 2. The Capillary tube should have been shown $\frac{1}{3}$ in water as described.
- 48 Fig. 27. The retort should have a liteline - Diagrams of retorts shown afterwards also require this.
- 70 11 H_2O Ptg. H_2O
- 83 Fig (1) The test-tube in the flask should have been shown resting or hanging. The delivery tube in measuring jar should have gone to bottom.
- 89 Acids, bases and salts - Tasting should be allowed only with caution.
- 90 14 H_2O Ptg. H_2O
- 105 Fig. 35. The end of the test-tube in the Wolfe's bottle should be just below the cork.
- 114 Fig 43. No tubuline in the retort
- 147 Fig. 55. Do. Do.
- 219 16 1. The diagram does not correspond with the description. 2. How to introduce SO_2 ? 3. Introduction of oxygen not shown.
245. Fig. 84. Exit and inlet for Shaw and exit for Hydrogen not shown.
 (word not legible) mg.