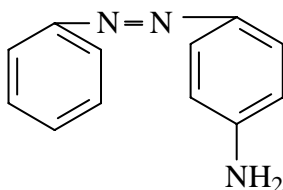


Responses from the authors

- 534: The order for the action of KNO_2 and AgNO_2 on $\text{C}_2\text{H}_5\text{Cl}$ has been checked and found that the information given in the book is correct. Hence the comment is.....
- 543: Stereo chemical observations are not in the syllabus. But mechanisms are required for better understanding of the reactions. They are included wherever necessary for the benefit of the student.
- 544: The projections given in the text are a sufficient explanation of the molecules and rotations about selected axis
- 561: Fermentation process needs to be taught to the student. So only the principle is presented in the section with wine as an example.
- 564: It is brought to the kind notice of the reader that the cited statement is missing in the text book. And what more, he is requested to learn that phenols are definitely more acidic than the corresponding phenoxides under any given condition. We are confident the reader will agree with the writers.
- 582: The authors and the editor agree only to disagree with reader. The information posted in the book is correct according to many standard sources.
- 585: The word alkyl is mis typed. It should be read as acyl group.
- 587: The name printed is to be corrected as 2-methyl 2-pentenal. It is a correction that will be carried out in the errata.
- 604 & 607: The reader is requested to note that the order changes according to the nature of alkyl group in the amines. The information in the text is definitely to be accepted by all. The order given by him also is according to the text book. Both the sequences mentioned reveal the same order. So both are correct.

612: In the reaction cited, the reagent is $\text{Cu}_2 \text{Cl}_2/\text{HCl}$. It is wrongly typed as $\text{CH}_2\text{Cl}_2/\text{HCl}$.

613: The structure of p-amino benzene diazonium compound is to be correctly written as



The $-\text{NH}_2$ is not shown in the structure given in the book.

523: The Reader is correct. But omeprazole and Lansoprazole are given under the heading of ANTACIDS in the syllabus from BIE.

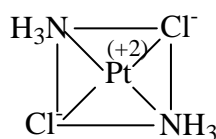
Sr. Inter

35. The type mistake will be corrected.
91. The symbol η is to be aligned with the $(DT)^{1/2}$. It is not a subscript.
98. Aqueous solutions of alkali metal halides do give H_2 at cathode. The word not is superfluous. It will be rectified in the future editions.
101. C in the last line of the page stands for no. of amperes of current passed.
130. The answer is corrected to 104m^{-1}
171. The entries in the text are correct and need no change from $1.008 \times 10^{-14} \text{ mol}^2/\text{lit}^2$, at 22°C .
174. The problem does not need any further work out.
189. 2nd point: NH_4OH is wrongly typed, It is to be studied as NH_4Cl . It will be corrected in future editions.

195. Problem 90. The volume of sodium acetate is 10 ml and not 20 ml as typed in the problem. It will be corrected in the next editions.
196. Problem 98. The solubility product of the salt AB..... The omission is regretted. It will be rectified.
204. The correct form is $a=k.b$. It is a typing mistake.
428. Propylene diamine is . As can be seen the formula is not

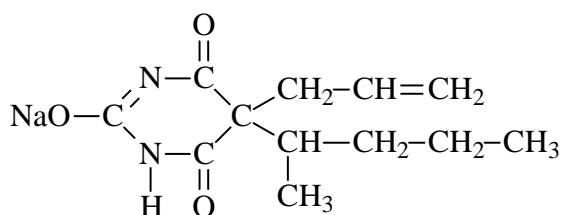
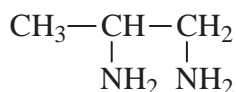
completely typed.

428. The figure should be



It will be corrected

429. The formula of copper – ammonia complex is correctly represented from a standard reference book.
518. The structure is to be correctly typed as



Jr.Organic

438. The name is wrongly typed. The correct name is 2- cyclohexene-1-ol, or cyclohex- 2- en-1-ol.
479. The reader may note that the given reaction also takes place.

Inorganic

307. Ultramarines and sodalite are mentioned under the uses of alkali metals. But the subject itself is not a complication. On the otherhand ultramarines make an interesting reading.
314. The question on plaster of Paris is an additional information to the students.
326. The formula is to be corrected as $\text{Co}(\text{BO}_2)_2$
332. The writers feel that the reader must refer to a standard inorganic Chemistry text book.
348. The structure of Silica will be corrected in the next editions. The structure is wrongly printed.
350. Thorveitite is scandium, yttrium pyrosilicate written in the short form.
370. The reader may please note that the authors are correct on both occasions.
371. We are not competent to decide the marks to be allotted to a question or the structure. Better we don't stresspass into somebody else's land. Either of the structures or both the structures can be allotted marks.
347. In both pages the reader has to note that the reaction is the same. And both statements are valid completely. Only the angle of perception is different.
The points are sufficiently and clearly explained for an intelligent student of chemistry.
377. Sri Rao is advised to go through the text to follow the information with the help of a good literature person, if necessary.

Jr. Inter.

29. Schrödinger's equation will be corrected in the next issue of the book.
464. The cyclo ketones can be reduced to the corresponding cyclo alkanes in different ways. Since the methods like Clemmensen's reduction were already given to the student under the reduction of aliphatic ketones, another route, involving more principles that were already familiar to the student, is given. After all the student has to be taught how to develop a chemistry brain. We wish the student is trained for competitive exams outside AP also. One should keep in mind that this book is a text book where some extra information is always there unlike a guide where chemistry is condensed to the lowest limits.

The authors and the editors thank Sri B. Sambasiva Rao for giving a reading to the text and wish he continues to give his invaluable comments on the writing. This would give us an occasion to know the minds of people like Sri Rao and tune our next attempts. At the end, we concede the observation that there are typographical and other mistakes possibly. We hope these will be rectified in future.

1. Editor 2. Author 3. Author

Yours Sincerely