

APPENDIX - D

QUESTIONNAIRE TO THE SNR. SEC.SCHOOL PHYSICS STUDENTS.

CENTRE OF ADVANCED STUDY IN EDUCATION
FACULTY OF EDUCATION & PSYCHOLOGY
M.S. UNIVERSITY
BARODA 390 002

DATE:

To,

The Physics Students STD.XI & STD.XII

Re : Your experiences with your new Physics textbooks
for STD.XI & XII (PRODUCED BY NCERT)

Dear Physics Students,

I would very much appreciate if you would find some time to go through the following questions and answer them as honestly and completely as possible. All the questions are connected with your experience while making use of new Physics textbooks (STD.XI: I & II and STD.XII: I & II)(PRODUCED BY NCERT); of course, those who are in STD.XI, can respond to the questions only based on their STD.XI textbooks (Part I & II) and STD.XII students can respond based on their experiences with both the volumes of Physics textbooks. The main purpose of getting these valuable opinions from you is to help the textbook authorities to improve the quality of these good textbooks further and to make them more and more useful for the students. This is not your examination question paper and you can be very bold to write your frank opinions; of course your answers will be kept CONFIDENTIAL and they will be used only to improve your textbooks.

In the right hand side of each questions, you will find three Letters : 'Y'-Meaning 'YES', 'N'-Meaning 'NO' & 'U' -Meaning 'UNDECIDED' (Y=Yes, N=No, U=Undecided). After thinking seriously, please encircle the appropriate one and you can take as much time as you want. It would be highly appreciated if you please give REASONS/ As many details as possible for your responses on the attached additional/ Sheets of paper, especially for STARRED Questions No.3,5,6, 13,15,16,19 and 20.

If you have any problem in understanding the questions please feel free to request your teachers, to help you.

I WISH YOU ALL THE BEST IN YOUR FINAL EXAMINATION !

Thanking you,

ENCL:Questionnaire.

Yours sincerely;
Sd/-
(DIVAKARA RAO YEKKAR)

APPENDIX - D (CONTD.)

CENTRE OF ADVANCED STUDY IN EDUCATION
FACULTY OF EDUCATION & PSYCHOLOGY
M.S. UNIVERSITY OF BARODA
BARODA - 390 002

QUESTIONNAIRE FOR PHYSICS STUDENTS

GENERAL INFORMATION :

NAME OF YOUR SCHOOL :

YOUR AGE : YOUR CLASS :

QUESTIONS : REGARDING YOUR NEW PHYSICS TEXTBOOKS PRODUCED BY
NCERT :

1. Do you like to read your physics textbooks whenever you are in a mood to study physics ? Y/N/U
2. Whenever you find it difficult to understand certain things, in your physics textbooks, do you think that these difficulties are due to your lack of knowledge of
 - (a) Physics/Science in your previous Classes (Say from STD.VIII to STD.X) ? Y/N/U
 - (b) Mathematics in your previous Classes ? Y/N/U
 - (c) Mathematics in XI/XII Classes ? Y/N/U
 - (d) Chemistry in XI/XII Classes ? Y/N/U
- * 3. When you go through these textbooks, do you come across certain new terms whose meanings are not given ? Y/N/U
4. Do you find any relation between physics and other branches of science while studying your physics textbooks ? Y/N/U
- * 5. Have you found certain topics in the textbooks that are very difficult for you and majority of the students ? Y/N/U
- * 6. Have you found certain mistakes in these textbooks? Y/N/U
7. Do you find many adventures and other details about Physicists in your textbooks ? Y/N/U
8. In your textbooks, do you find any use of
 - (a) 'A Note for students'? Y/N/U
 - (b) 'Index'? Y/N/U
 - (c) 'Bibliography'? Y/N/U
 - (d) 'Appendices'? Y/N/U
9. Do you think that the way in which your textbooks have discussed physics, has inspired you to become a physicist in future? Y/N/U
10. Do you like the questions that are asked in the textbooks while discussing several topics ? Y/N/U

11. Do you get specific and practical suggestions for your study in your textbooks ? Y/N/U
12. Do you think that you can study physics by seriously going through these textbooks instead of attending your regular or tutorial classes ? Y/N/U
- * 13. Are you satisfied with the quality of diagrams/pictures given in the textbooks ? Y/N/U
14. Are the examples worked out in the textbooks very useful in solving the problems at the end of chapters? Y/N/U
- * 15. Have you found any 'ERROR'
 (a) in the questions/problems given in the 'Exercises'? Y/N/U
 (b) in their answers given at the end of the books? Y/N/U
- * 16. Among the problems given in the 'Exercises', is it possible you to solve
 (a) all the general 'Non-starred' problems ? Y/N/U
 (b) all the 'starred' problems ? Y/N/U
17. Do you think that the problems given in the 'EXERCISES' are properly 'GRADED'?(i.e.from simple to complex)? Y/N/U
18. Are you satisfied with
 (a) the get-up (Quality) of cover pages of the textbooks? Y/N/U
 (b) the durability of the textbooks? Y/N/U
 (c) the size of letter in the textbooks? Y/N/U
 (d) the 'Interspace' between the lines ? Y/N/U
 (e) the quality of ink used in printing the textbooks? Y/N/U
 (f) the size of the textbooks ? Y/N/U
 (g) the quality of the paper used ? Y/N/U
 (h) the bulk of the textbooks? Y/N/U
 (i) the overall attractiveness of the textbooks? Y/N/U
 (j) the price of the textbooks? Y/N/U
 (k) the distribution (easy availability) of the textbooks in the market? Y/N/U
- * 19. Do you really think that the present textbooks are better than previous (XI & XII) textbooks produced by NCERT ? Y/N/U
- * 20. Do you make use of other physics books, other than your textbooks for your study ? If yes, please list them (by giving titles & authors' names). Y/N/U
- * 21. On the whole, do you think that your present physics textbooks are useful
 (a) to learn higher physics ? Y/N/U
 (b) to pass your final year examination in physics? Y/N/U