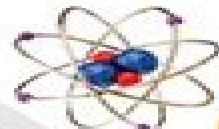




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and short answers type questions given at the end of the experiments help the students prepare for viva voce **Complete Science Laboratory Manual CBSE For Class 10** Education Experts,2019-10 **Science For Tenth Class Part 1** **Physics** LAKHMIK SINGH, A series of six books for Classes IX and X according to the CBSE syllabus *Lab Manual-Physics-TB-11_E-R1* Dr R K Gupta, Lab Manual Physics TB 11_E R1 Practical/Laboratory Manual Physics Class - XII -by Er. Meera Goyal (SBPD Publications) Er. Meera Goyal,2021-07-03 In accordance to the new syllabus of Central Board of Secondary Education CBSE New Delhi and other State Boards following CBSE Curriculum **Practical/Laboratory Manual Science Class 10 based on NCERT Guidelines** Dr. J. P. Goel, ,Dr. S. C. Rastogi, ,Dr. Sunita Bhagia ,Er. Meera Goyal,2023-03-20 Physics 1 To determine the focal length of concave mirror 2 To find the focal length of convex lens by two pin method 3 To find the image distance for varying object distances in case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed 4 To trace the path of the rays of light through a glass prism 5 To trace the path of a ray of light passing through a rectangular glass slab for difference angles of incidence 6 To study the dependence of potential difference V across a resistor on the current I passing through it and determine its resistance Also plotting a graph between V and I 7 To determine the equivalent resistance of two resistors when connected in series and parallel Chemistry 8 To find the pH of the following samples by using pH paper universal indicator 9 To studying the properties of a base dil NaOH Solution and Acid HCl by their reaction with a Litmus solution Blue Red b Zinc metal c Solid sodium carbonate 10 To perform and observe the following reactions and to classify them into a Combination reaction b Decomposition reaction c Displacement reaction d Double displacement reaction i Action of water on quick lime ii Action of heat on ferrous sulphate crystals iii Iron nails kept in copper sulphate solution iv Reaction between sodium sulphate and barium chloride solutions 11 To observe the action of Zn Fe Cu and Al on the following salt solutions a $ZnSO_4$ aq b $FeSO_4$ aq c $CuSO_4$ aq d Al_2SO_4 3 aq Based on the above result to arrange Zn Fe Cu and Al metals in the decreasing order of reactivity 12 To study the following properties of acetic acid ethanoic acid i Odour ii Solubility in water iii Effect on litmus iv Reaction with sodium hydrogen carbonate 13 To study the comparative cleaning capacity of a sample of soap in soft and hard water Biology 14 To study stomata by preparing a temporary mount of a leaf peel 15 To show experimentally that carbon dioxide CO_2 is given out during aerobic respiration 16 To study A Binary fission in Amoeba and B Budding in yeast with the help of prepared slides 17 To identify the different parts of an embryo of a dicot seed pea gram or red kidney beans **Science for Tenth Class Part 2 Physics** Lakhmir Singh & Manjit Kaur, A series of books for Classes IX and X according to the CBSE syllabus and CCE Pattern **CBSE Laboratory Manual Physics Class 12th** Er. Akash Shukla,2022-12-13 Once Owen Chamberlain said The development of Physics like the development of any science is a continuous one It is a constant effort of NCERT that it puts on its textbooks to promote clearer understanding of concepts in every student As important as theoretical study is practical study is also essential to prove theories into realities The freshly updated edition of LABORATORY MANUAL Physics for class

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Dr R K Gupta, Lab Manual Physics TB 12_E R

A to ... Z Class 10 Cbse Physics

Sudhir K. Sood,2018-06-13 A TO Z

CLASS 10 CBSE PHYSICS has been written as per the Secondary School Curriculum 2018 19 issued by CBSE for Class 10

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which these topics are presented in the book is identical to that of NCERT textbook The basic text material is divided into six chapters All chapters follow a uniform pattern of presentation of which some salient features are as follows KEY CONCEPTS OF THE CHAPTER with carefully written summary of all topics and listing of all the formulae TEXTBOOK QUESTIONS AND EXERCISES wherein solutions have been provided to all In text Questions and Chapter end Exercises of the NCERT textbook

TEXTBOOK ACTIVITIES which contain a discussion of all important activities with separate listing of the aim the apparatus

the procedure and the precautions for every activity ADDITIONAL QUESTIONS which include a plethora of questions with answers that have been carefully framed after paragraph by paragraph scanning of NCERT textbook so that nothing important is left out Following the pattern of Board exam these questions and answers are divided into the following sub types Very Short Answer Type Questions Short Answer Type Questions I Short Answer Type Questions II Long Answer Type

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