

DOWNLOAD PDF 12TH PHYSICS IMPORTANT QUESTIONS WITH ANSWERS 2018

Chapter 1 : Important Questions Class 12 Maths | Guess Paper (Expected)

Class 12 Physics Important Questions is very important resource for students preparing for Class XII board Examination. Question from very important topics are covered here for NCERT Class You will also get idea about the type of questions, you can expect in your Class 12th examination.

Atom and Nuclei together constitute 6 marks. Communication system constitutes 3 marks. Having command over these chapters help students a great deal in scoring higher marks in Physics. However, these chapters are very important for competitive exams. It is an important unit both for the board exam and competitive exams. Drawing and studying will help you understand many topics faster and in an easier way. It is the most important book for Physics board exam of Class Make a complete list of derivations, formulae, and experiments in your syllabus and keep that list; it will be handy later during the exam. While solving a derivation, try and comprehend the logic behind the derivations. Understanding a derivation will help you derive it easily at any given time. Revise all the concepts regularly. If you do not like the numerical part, start early! Get used to the numerical part. Do not forget to learn the S. I units if any for all physical entities. Before starting, frame a skeleton of the answer in the margin. Preparing for boards will help you in these exams. Take tests on Embibe which will help you personally to improve with its amazing feedback. Entrance exams are equally important as board exams; so, do not neglect it. For any query related to how to get above 90 in CBSE 12 Physics, drop a comment below and we will get back to you.

DOWNLOAD PDF 12TH PHYSICS IMPORTANT QUESTIONS WITH ANSWERS 2018

Chapter 3 : 50 TOP [12th Class CBSE NOTES] PLANNING Important Questions and Answers | Business 3

CBSE 12th Physics Very Important Questions Chapter Wise PDF Download for the year and , calendrierdelascience.com, Sample/model/Guess Papers available.

Promotion and Career planning x. Name the process of streamlining the attributes of a person required for doing a job. What is job specification? It is a process of streamlining the attributes of a person required to do a job. Name the step in the process of selection helps the manager to eliminate unqualified or unfit job seekers based on the information supplied in the application forms. State one difference between training and development. Training is used to add skills abilities of the workers. Development involves improving the capacities and capability of the managerial personnel. Name the case study method of imparting training? Real or Hypothetical problem analysis. Name the concept which deals with recruitment, selection, development, utilization, compensation and motivation of human resources of the organization. What is the next step after selection? What is pre-requisite to selection? State one limitation of incorrect placement. It leads to wastage of efforts, energy, time and resources and thus results in poor productivity and quality of the product. It often brings disillusionment in assigned employees. Name the agencies run by the Government as a source of recruitment for unskilled and skilled operative jobs. What is Vestibule training? It involves setting up a dedicated training centre which mocks up the actual work environment. State one benefit of promotion as sources of recruitment. It improves loyalty and satisfaction level of employees. Which type of personnel is recruited by management consultancy firms? Management consultancy firms help the organization to recruit technical, professional and managerial personnel. What is called the vertical shifting of employees both upward and downward? Promotion upward and Demotion downward Q Name the type of training is a joint programme of training in which educational institutions and business firms cooperate? Trainee is put under the guidance of a master worker to require a higher level of skill. For example to become plumber , electrician etc. Which method of training is referred here. State one reason why transfer is done? To balance the deficit and surplus of manpower in different branches.

DOWNLOAD PDF 12TH PHYSICS IMPORTANT QUESTIONS WITH ANSWERS 2018

Chapter 4 : Important Questions Class 12 Physics (Expected) | Guess Paper

Once the CBSE Class 12 Physics answers key will be released, the candidates will be able to check their questions & answers and can analyze and calculate their marking in CBSE Board 12th Physics examination and based on that the candidates can easily predict their marks.

These are a type of guess paper of Physics which are recommended by the teachers to their students in examination days. Sometimes, they find the questions out of the course. And it will make them giddy and nervous. Students should always read the updated guess papers of Physics or his relevant subject.

Unit 13 What is potentiometer? Unit 14 Derive the relation of force on a moving charge in a constant magnetic field. Unit 14 Describe the principle, construction and working of a galvanometer. How it is converted into i ammeter ii voltmeter. Unit 15 Derive an expression for the energy stored in an inductor. Define energy density, Unit 15 What is transformer? Describe its principle, construction and theory Unit 15 Write the effect of capacitor only in A. Define reactance and write a expression for reactance of capacitor. Unit 16 Define impedance. Discuss alternating current through R-L series circuit. Unit 16 Draw and explain RLC series circuit. Write the properties of the series resonance. Unit 16 Define strain. Find out strain energy in deformed materials. How can it be determined from the force extension graph? Unit 17 Explain energy band theory on the basis of this theory categorize the kinds of solids. Unit 17 What is rectification? Explain full wave rectification by bridge rectifier? Unit 18 What is transistor? How transistor us used as an amplifier? Unit 18 What is operational amplifier? Find the gain op-amp as non-inverting amplifier? Unit 18 State the special theory of relativity with postulates and explain the results. Also derive Einstein equation. Unit 19 Compute the shortest wavelength radiation in the Balmer series. Unit 20 Calculate the longest wavelength radiation for the paschen series? Unit 20 What is mass spectrograph? How is it used to find the mass of isotopes? Unit 21 Explain the principle, construction and working of Geiger Muller counter. Unit 21 What is nuclear fission? Explain fission chain reaction and the controlled reaction in the reactor. Electric lines of force never cross one another. Suppose that you follow an electric field line due to a positive point charge. Do electric field and potential increase or decrease? Is E necessarily zero inside a charge rubber balloon if balloon is spherical and assumer charge in uniformly distributed over the surface? Do electrons tend to go to region of high potential or of low potential? Convert 1 joule into electron volt. How can you identify that which plate of a capacitor is positively charged? Why does the resistance of a conductor rise with temperature? Do bends in wire affect the electrical resistance? Is the filament resistance lower or higher in a w v light bulb then in W V bulb? Describe a circuit which will give a continuously varying potential. Explain why the terminal potential difference of battery decreases when the current drawn form it is increased? What is Wheatstone bridge? Sketch its circuit diagram. Unit 14 If a charged particle moves in a straight line through some region of space can you say that magnetic field in the region is zero? Describe the change in magnetic field inside of solenoid carrying a steady current if length of solenoid is doubled but number of turns remains the same. Why does the picture on a TV. What is meant by Lorentz force? Define galvanometer and cathode ray oscilloscope. Name main parts of CRO. What is Sweep generator? What should be the orientation of current carrying loop in a magnetic field so that torque acting upon it is i maximum Define current sensitivity of a galvanometer. Why the resistance of an ammeter should be very low? Why a voltmeter should have very high resistance? Unit 15 Define induced emf and induced current Does the induced emf always act to decrease the magnetic flux through a circuit? Show that fand have the same unit. Verify that an Ohm times faraday is equivalent to second. Name the factors upon which the self inductance depends? C motor be turned into a D. What changes are required to be done? Can a step up transformer increase the power level? Does the induced emf in a circuit depend on the resistance of the circuit? Does the induced current depend as the resistance of the circuit? Write down the methods to improve the efficiency of transformer. Unit 16 A sinusoidal current rms effective value of 10A. What is the maximum peak value? How many times per second will an incandescent lamp reach maximum brilliance when

DOWNLOAD PDF 12TH PHYSICS IMPORTANT QUESTIONS WITH ANSWERS 2018

connected to a 50 Hz source? How does doubling the frequency affect the reactance of a capacitor? In an R-L circuit with current lead or lag the voltage. Explain by vector diagram. What is its main use? Explain the condition under which electromagnetic waves are produced from a source. What is meant by AM and FM. Define stress and strain. Define elasticity and plasticity of the material. Define UTS and fracture stress. What is meant by strain energy? What is hysteresis loss? How is it used in the construction of transformer? Unit 18 Why charge carriers are not present in depletion region? What is the effect of forward and reverse biasing of a diode on the width of depletion region? What is net charge on N-type and P-type substances? The anode of a diode is 0. Is it forward biased? Write four applications of photo diode. Why a photo diode is operated in reverse biased state? Why is the base current in a transistor very small? Write down the truth table of exclusive OR gate? Unit 19 Give postulates of special theory of relativity. As a solid is heated and begins to glow. Why does it first appear red? Which has the power energy quanta? Radio waves or X-Rays Will bright light eject more electrons from a metal surface than dimmer light of the same colour. Why do we not observe a Compton effect with visible light?

DOWNLOAD PDF 12TH PHYSICS IMPORTANT QUESTIONS WITH ANSWERS 2018

Chapter 5 : 12th Quarterly Exam Question Papers and Answer Keys Download - TRB TNPSC

CBSE 12th Physics Question Paper Pdf. This is the matter of few more days and then you will get your marks of all subjects in your hand. Besides downloading CBSE Physics Paper , you should also do study for the next Exams.

But remember these tips are good only if you follow them, so make sure you do your best to follow them, otherwise it would be a complete waste of time to go through the content below this point. Focus more on understanding it, and get an idea of the syllabus and topics. Make a pocket diary, and make three sections in it. One for Important Formulae, second for important derivations and the third one for important definitions. Write only important stuff in that diary, so choose your content very carefully. If you could combine important NCERT notes with your pocket diary then it surely will be a deadly combination for the board exam. Diagrams And Doubts – both should be clean and clear Do not forget to study and memorize the diagrams and important graphs, this may help you to get extra marks. Drawing a neat and clean diagram can explain things in a much better way than long answers. And diagrams are also helpful in those places where you do not have much to write. Understand each and every topic throughout and in case if you find any doubts then, clear them right away by asking your teachers. Do not underestimate this point as, a small doubt can result in turning the whole answer wrong and hence deducing marks. Give special attention to your minor mistakes like S. You may lose your marks just because of these silly mistakes. Do not hesitate to practice the numerical, these questions are the scoring ones, and you can score full marks in numerical questions without putting many efforts. Strategy for Exam Create a studying timetable and follow it until you are finished with your preparations. Just by doing time management you can score more than 15 extra marks. This pocket diary will help you to revise all the important topics anytime and anywhere. Solve and practice previous year papers and guess papers. They will make you stronger enough to face the board exam. Find your weak areas and try to make them your stronger ones, by practicing and working hard on them. Improve your writing and drawing skills. Presenting a good and neat answer sheet to the checker is always a great idea. This may help you to score some extra marks. So, hope you liked my tips to prepare for physics. With the downloaded PDF files, you can do a lot. It is easy to download the pdf files but hard to practice them. Well, the above pdf files are unsolved, so now you have to solve each end every question with full concentration and focus. Take it as a challenge to finish them up. Do not let any question go, work on it and solve it. By doing this, you will develop confidence in you, which in turn will make you stronger to face Physics on the day of the exam. As I have stated in preparations points above, make a pocket diary and note the important terms, formulas, and derivations in it, while solving the important questions from the PDF files given in this article. Now after completing the PDF file, just revise your pocket diary for the important terms extracted from the pdf files. Repeat this for chapter wise pdf files and I assure you that you will find yourself fully confident at the end.

DOWNLOAD PDF 12TH PHYSICS IMPORTANT QUESTIONS WITH ANSWERS 2018

Chapter 6 : Class 12 Math Important Questions for Class 12 Math Chapter wise

12th physics important questions with answers pdf, important questions for class 12 physics chapter wise with solution, important questions for class 12 physics hsc board.

Complete details related to important derivations and topics which can be asked in CBSE Class 12 board exam are given below: Electrostatics There are two chapters in this unit. Important topics and derivations of these chapters are given below: Electric field intensity due to a thin infinite plane sheet of charge. Application of Gauss theorem in calculation of electric field. Electrostatic Potential and Capacitance Electric Potential due to a point charge. Capacitance of parallel plate capacitor with or without dielectric medium. Energy stored in a capacitor. Current Electricity There is only 1 chapter in this unit that is Current Electricity. Important concepts and derivations expected to be asked in CBSE Class 12 Physics board exam from this chapter are given below: Current Electricity Relation between current and drift velocity. Series and parallel connection of resistors Derivations and Numerical Problems. Potentiometer Numerical are expected this year Unit 3: Moving Charges and Magnetism Application of Biot - Savart law Calculation of magnetic field due to current carrying circular loop. Force on a moving charge in uniform magnetic and electric fields Numerical and Derivation Cyclotron Diagram, Theory and Derivation. Force on a current-carrying conductor in a uniform magnetic field Derivation and Numerical Problems. Force between two parallel current-carrying conductors including definition of ampere. Torque experienced by a current loop in uniform magnetic field. Moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter. Magnetism and Matter Current loop as a magnetic dipole and its magnetic dipole moment. Magnetic dipole moment of a revolving electron. Magnetic field intensity due to a magnetic dipole bar magnet along its axis and perpendicular to its axis. Torque on a magnetic dipole bar magnet in a uniform magnetic field. Name of these chapters are Electromagnetic Induction and Alternating Current. Mutual Induction and Self Induction. Numerical Problems and Derivations. Resonance in series LCR circuit. Electromagnetic waves There is only one chapter in this unit and that is Electromagnetic waves. Important topics and derivations of this chapter are given below: Important topics of this chapter are given below: Dual Nature of Radiation and Matter There is only one chapter in this unit. Name of the chapter is Dual Nature of Matter and Radiation. Dual Nature of Radiation and Matter Dual nature of radiation.

DOWNLOAD PDF 12TH PHYSICS IMPORTANT QUESTIONS WITH ANSWERS 2018

Chapter 7 : Class 12 Physics Important Questions- Board Exams Special

The above listed were a few important questions for class 12 Physics that are most likely to be asked in the coming board exams. While studying for the board exam, students can plan accordingly giving priority to the above-mentioned topics.

An object of height 5 cm is placed at a distance of 15 cm from the lens. Calculate size of image formed. A converging lens has a focal length of 23 cm in air. It is made of a material of refractive index 1. It is immersed in a liquid of refractive index 1. Calculate its new focal length. Distinguish the magnetic properties of dia, para and ferromagnetic substances in term of: Susceptibility Magnetic permeability Coercivity Give an example of each of these materials. Draw the field lines due to an external magnetic field near a a diamagnetic b Paramagnetic substance. There, he found that there is no provision for preventing the damage caused by lightning. He told about it to his father. They meet to the secretary of the building society and explained them about lightning strike. Raman told them the method to protect building from lightning. What values were displayed by Raman? Explain the method to protect building from lightning. Draw a labelled circuit diagram of a moving coil galvanometer. Prove that in a radial magnetic field, the deflection of the coil is directly proportional to the current flowing in the coil. Draw a labelled circuit diagram of a cyclotron. Explain briefly how it works and how it is used to accelerate the charged particle. Show that time period of ions in cyclotron is independent both the speed and radius of the circular path. Show that cyclotron frequency is independent of energy of particle. What is meant by r. It is observed that the current flowing in them: Identify the three circuit elements. Find an expression for the a current flowing in the circuit, b net impedance of the circuit, when the same a. If the frequency of the applied voltage is varied, set up the condition of the frequency when the current amplitude in the circuit is maximum. Write the expression for this current amplitude. Draw a ray diagram to show the working of a astronomical telescope.

Chapter 8 : Important questions for class 12 Physics - Chapter Wise | Physics

2nd Year Papers Physics Guess Paper FSc 12th Class Download inter 2nd year physics important questions and answers.

Chapter 9 : CBSE 12th Physics Very Important Questions Chapter Wise PDF Download

Here I am sharing a similar Question Bank of Most Important Questions in Physics for Class 12 Board Exams. This is a sort of Guess Paper for Physics Class This is a sort of Guess Paper for Physics Class