

## Fiitjee Exam Papers

It is a known fact that there is no substitute for hard work - However hard work must be done smartly to get the desired result. Keeping Smart Hard Work philosophy in mind, we have designed this book. As time plays an important factor & is limited in competitive exams hence the magic to score high in such examination is to solve questions accurately with speed. The ability to solve lengthy questions accurately in the shortest possible time will fetch you lead over other students resulting not only into good marks but also top rank. And the Short Tricks is sure to make it happen. For this purpose, we are elated to present a compilation of Short Tricks of Mathematics in a book form. These tricks have the edge which can make any aspirant solve questions accurately & quickly.

A series of books for Classes IX and X according to the CBSE syllabus and CCE Pattern

**BENEFITS OF JEE Main Solved Papers:** Based on the Scheme of Examination issued by the NTA on 16th Dec 2020 JEE Main Exam 2019 & 2020 Question Papers with solutions Chapter-wise & Topic-wise presentation for systematic learning Subjective (Integer Types) Questions for extensive practice Revision Notes for quick revision Concept Videos for hybrid learning Commonly Made

Errors to polish concepts Mind Maps for better retention

THIS BOOK HAS BEEN DEVELOPED AND DESIGNED TO OVERCOME WITH PRESSING NEED OF JEE ADVANCE ASPIRANTS. THE BOOK CONTAINS PAPERS OF IIT JEE OF PAST 13 YEARS WITH ANSWER KEY AND DETAILED SOLUTION FOR THREE YEARS PAPERS. THIS WILL GUIDE THE COURSE OF PREPARATION OF AN ASPIRANT IN A DEFINITE AND REQUIRED DIRECTION, LIKE RADAR. MOREOVER SOLUTION OF GIVEN YEARS i.e 2012-2014 IS IN APPROPRIATE MANNER SO THAT AVERAGE STUDENT CAN UNDERSTAND AND SOLVE PROBLEMS EASILY. THIS BOOK ALSO HELPS STUDENTS IN CONCEPT BUILDING. Any suggestion for the improvement of book is welcome

THIS BOOK HAS BEEN DEVELOPED AND DESIGNED TO OVERCOME WITH PRESSING NEED OF JEE MAIN ASPIRANTS. THE BOOK CONTAINS PAPERS OF AIEEE (JEE MAIN) OF PAST 13 YEARS WITH ANSWER KEY AND DETAILED SOLUTION FOR THREE YEARS PAPERS. THIS WILL GUIDE THE COURSE OF PREPARATION OF AN ASPIRANT IN A DEFINITE AND REQUIRED DIRECTION, LIKE RADAR. MOREOVER SOLUTION OF GIVEN YEARS i.e 2012-2014 IS IN APPROPRIATE MANNER SO THAT AVERAGE STUDENT CAN UNDERSTAND AND SOLVE PROBLEMS EASILY. THIS BOOK

ALSO HELPS STUDENTS IN CONCEPT BUILDING.

JEE MAIN is now considered to be one the toughest papers. In order to pursue of becoming an Engineer, applicants needs to have clear concept, strong basic foundation and sheer practice of every subject to touch the given benchmark.

“Test Drive for JEE MAIN 2020” provides the complete online and offline assessment & practice package for the preparation of JEE MAIN EXAM. The study material provided in the book are as per the latest syllabus. Moreover, the whole book is divided into 3 Stages: 1 st Stage: PREP ANALYSIS STAGE: that consist 72 Unit Tests (Physics, Chemistry, Mathematics) which help students to understand the paper format of each subject, 2 nd Stage: THE ACQUAINTANCE STAGE: this stage provides the 15 Practice Sets that help aspirants to make them acquaintance with the trend and the difficulty level of the paper and last the 3 rd Stage: RESULT PREDICTION STAGE: this stage provides the 6 Previous Years’ papers for thorough practice leaving no stones untouched. Solutions provided for the questions are authentic, have conceptual approach and well explained in in details. This book also give the free online practice papers that gives the real feel of the examination. This book will help you to score more in the exam as well as in the academics if thorough practice done from this book.

TABLE OF CONTENTS PREP ANALYSIS STAGE: Unit Test of (Physics,

Chemistry and Mathematics), THE ACQUAINTANCE STAGE: Practice Sets (1-15), RESULT PREDICTION STAGE: Solved Paper 2014-2018, Online JEE Main April 2019, Online JEE Main January 2019.

The National Talent Search Examination (NTSE) is conducted For Class 10 th students every year in order to identify and nurture talented the students of the nation. This examination has two stages STAGE I: State Level which is conducted by States whereas STAGE II: National Level which is conducted by NCERT. Qualifying students get scholarship the Government. The present edition of “NTSE (MAT+SAT)” Book for Class 10 th is carefully designed by as per the latest syllabus of NTSE paper. This book contains Solved papers of Stage I & Stage 2 of 2017 & 2018 respectively in the beginning so that aspirants can get acquainted with the question pattern of the exam. The book is divided into 5 sections and each section is further divided into chapters which gives the full coverage of the syllabus moreover ample amount of questions are provided after every chapter. At the end of the book there are 5 (Solved) Practice Papers are given for thorough practice so that candidates should be able to solve the problem easily during the exam. The main aim of these book to students by providing them with the best study material so that can attain ranking in the country. TABLE OF CONTENT Solved Paper 2019 (Stage - II), Solved Paper 2018 (Stage - I), Solved Paper 2018 (Stage - II), Solved Paper 2017 (Stage - I), PAPER I MAT (Mental Ability Test): PART I Verbal Reasoning, PART II Non-Verbal Reasoning, PAPER II SAT (Scholastic Aptitude Test): PART I Physics, PART II Chemistry, PART III Biology, PART IV Mathematics, PART V History, PART VI Geography, PART VII Civics, PART VIII Economics.

## Online Library Fiitjee Exam Papers

Advanced Illustrations in Physics by seasoned expert Ashish Arora is a valuable asset for the aspirants of JEE Advanced examination. The book covers more than 700 advanced problems with illustrations. Detailed explanations have been included with video solutions so that students are able to grasp the fundamental examination edge of JEE Advanced. Every illustration is based on specific experimental analysis and practical situations from real life, so that students can understand how questions are framed in competitive exams. All illustrations are divided in several topics covering the syllabus of Advanced Physics for JEE. Features  
700+ advanced problems illustrated with explanations  
Practical problems included from real life  
Video solutions included to help students grasp concepts better

Knowledge is not sufficient when it comes to secure a seat in one of the IITs. The student must develop skills to translate knowledge into performance on the JEE (Advanced) examination day. We have observed that many talented students fail in JEE (Advanced) in spite of having talent, capability, and a strong will to succeed. Due to lack of confidence, poor examination temperament & time management, the insufficient practice of taking an exam in actual examination conditions. To overcome this, a student should do sufficient practice by taking similar tests several times before the FINAL exam so that student develops all requisite competitive skills to get success in the final examination. With this objective in mind, we are presenting this book before you containing full syllabus tests as per the latest pattern. These tests will give you an exact feel of the paper before the FINAL test. Salient features of the book are- Relevant & high-quality Test Papers prepared by highly experienced faculty members of Career Point to provide real exam like practice. Detailed solution of each test paper for self-

## Online Library Fiitjee Exam Papers

evaluation to cross-check your question-solving approach and highlight your weak areas to improve. It familiarizes the student with the latest examination trends. Help students to plan the question paper attempt strategy to bring out the maximum output. Increases speed & accuracy and builds confidence to face the competitive examination. Develops sound examination temperament in students to face the competitive examination with a supreme state of confidence to ensure success. The students are advised to take these tests in the prescribed time limit by creating an exam like environment at home. Additionally, after taking the test, the student should properly analyze the solutions and must think of alternative methods & linkage to the solutions of identical problems. Also, find your weak areas for further improvement. We firmly believe that the book in this form will help a genuinely hardworking student. We have put our best efforts to make this book error-free. However, if you find errors that may have crept in, and we would appreciate it if brought to our notice. Additionally, we wish to utilize the opportunity to place on record our special thanks to all the members of the Content Development team for their efforts to create this excellent book.

The thoroughly Revised & Updated Mental Ability for NTSE & Olympiad Exams for Class 10 (Quick Start for Class 6, 7, 8, & 9) 2nd Edition for class 10 is a comprehensive book written exclusively for students of all states preparing for the Stage 1 of the NTSE examination. The students can start using this book right from Grade 6. The book provides learning of all the concepts involved in the syllabus of NTSE examination for the Mental Ability Test (MAT). The book helps the students not only in building their APTITUDE but will also help in developing their ANALYTICAL SKILLS. Salient features of the book: • There are 26 chapters followed by Mock Tests for Stage 1 & 2. • The book provides sufficient point-wise theory, solved examples

## Online Library Fiitjee Exam Papers

followed by FULLY SOLVED exercises in 2 levels Basic & Advance level. • Maps, Diagrams and Tables to stimulate the thinking ability of the student. • The book incorporates EXEMPLAR PROBLEMS IN MAT from various State NTSE exams, Stage 2 Past Questions in exercises. • The book provides 2 Mock Tests of MAT for the State NTSE and 3 for the 2nd Stage. Practice tests are a sure-fire way to test preparation levels and identify areas of improvement for any exam. Continuing with GKP's mission to provide students with quality preparation material, we have come up with 17 full-length practice papers to better your preparation for btsat 2020. All the practice papers have been created by experts with years of experience with Test prep content creation. Every practice paper has solutions and detailed explanations wherever necessary. This book will help students better understand exam pattern and weight age of questions asked in BITSAT 2020 exam. Features: 17 Practice Sets as per latest pattern detailed solutions to all questions.

Pearson IIT Foundation Series, one of the most reliable and comprehensive source of content for competitive readiness, is now thoroughly updated and redesigned to make learning more effective and interesting for students. The core objective of this series is to help aspiring students understand the fundamental concepts with clarity, in turn, helping them to master the art of problem-solving. Hence, great care has been taken to present the concepts in a lucid manner with the help of neatly sketched illustrations and well thought-out real-life examples. As a result, this series is indispensable for any student who intends to crack high-stakes examinations such as Joint Entrance Examination (JEE), National Talent Search Examination (NTSE), Olympiads-Junior/Senior /International, Kishore Vaigyanik Protsahan Yojana (KVPY), etc. The series consists of 12 books spread across Physics, Chemistry, and Mathematics for

## Online Library Fiitjee Exam Papers

classes VII to X.

The book SUPERB 15 Mock Tests for IPM (IIM Indore) Entrance Exam with 5 Online Tests provides 15 Practice Sets - 10 in the book and 5 Online - on the exact pattern as specified in the latest notification. The book provides the 2017 & 2018 Solved Papers. Each Test contains 100 questions divided into 2 sections: Verbal Ability (40) and Quantitative Aptitude (60). The solution to each Test is provided at the end of the book. This book will really help the students in developing the required Speed and Strike Rate, which can increase their final score by 15% in the final exam.

Majority of students choosing STEM Subjects dream to study engineering and allied studies from one of the IITs or NITs, and to pursue this dream, the student writes JEE (Main) and JEE Advanced. Moreover, JEE (Main) & JEE (Adv) are considered to be one of the most challenging Entrance Examination in the country. And we have observed that many talented students fail to secure a seat in IITs/NITs in spite of having talent, capability and a strong will to succeed, due to lack of proper practice of taking an exam in actual examination conditions. To overcome this, a student should do sufficient practice by taking similar tests several times before the FINAL exam so that student develops all requisite competitive skills to get success in the final examination. With this objective in



## Online Library Fiitjee Exam Papers

mind, we are presenting this book before you containing full syllabus tests as per the latest pattern. These tests will give you an exact feel of the paper before the FINAL test. Salient features of the book are- Relevant & high-quality Test Papers prepared by highly experienced faculty members of Career Point to provide real exam like practice. Detailed solution of each test paper for self-evaluation to cross-check your question-solving approach and highlight your weak areas to improve. It familiarizes the student with the latest examination trends. Help students to plan the question paper attempt strategy to bring out the maximum output. Increases speed & accuracy and builds confidence to face the competitive examination. Develops sound examination temperament in students to face the competitive examination with a supreme state of confidence to ensure success. The students are advised to take these tests in the prescribed time limit by creating an exam like environment at home. Additionally, after taking the test, the student should properly analyze the solutions and must think of alternative methods & linkage to the solutions of identical problems. Also, find your weak areas for further improvement. We firmly believe that the book in this form will help a genuinely hardworking student. We have put our best efforts to make this book error-free. However, if you find errors that may have crept in, we would appreciate it if brought to our notice. Additionally, we wish to utilize the

opportunity to place on record our special thanks to all the members of the Content Development team for their efforts to create this excellent book. Every year lakhs of students appear for the JEE Advanced Exam to pursue their dream of becoming an “Engineer”. In order to qualify this exams students need have clear concepts, strong basic foundation of the subjects and thorough practice. “TEST DRIVE FOR JEE Advanced 2020” is the one and only complete assessment and Practice package for the JEE ADVANCED Exam. This book is prepared as per the latest of the syllabus. It is divided into 3 parts: The Timeline that contains last 5 Years subject wise JEE Advanced Questions, Prep Catalysis that contains 15 Practice Sets and Analytical Explanations that provide solutions for the questions in an authentic way which is having a conceptual approach for the complete practice. This book will help you to score more in the exam as well as in the academics if thorough practice done from this book. TABLE OF CONTENT The Timeline (Unit Tests), Prep Catalysis (Practice Sets), Analytical Explanations, Online JEE Advanced Solved Paper 2019.

The book intended exclusively for the usage of students, teachers and persons who are related to competitive exams. The book is based on our experience over the past 8 years and design on the basis of current competitive level of Engineering like IIT JEE mains/ Advanced, MHT-CET, BITSAT + NTSE, KVPY,

## Online Library Fiitjee Exam Papers

Olympiad, IIT Foundation + CAT and other state engineering exams in India, where 1194938 i.e. around 12 Lakh of students (Year 2016) write a single engineering exam. As an educator, I understand the student's need of these topics and the difficulties faces by students in transition from standard 10th to 11th class. As students enter their 11th standard, they find a substantial change in the course content and level of difficulty. They find some totally new concepts of Mathematics, widely used in Physics and Chemistry. They may be completely unfamiliar with concepts of absolute value, Interval Methods, Set Notation, inequalities etc. The book has been prepared for them to learn the concepts of algebra from basic to advanced level of thinking. The book is prepared to serve as a bridge for 10th to 11th standards, CAT aspirants etc. Software engineers can also be in benefit in writing the code due to concepts clarity. The book contains the following Learning Methodology. (i) Basic concepts and easy learning. (ii) Necessary examples and experiments for beginners level to expert. (iii) Psychology of student's brain and their thinking. (iv) Pictorial view of problems and solutions. (v) Challenging problems (Ultimate Finish – for Top All India Rankers between 1 - 500). (vi) Exercises and Assignments to test the understanding and growing knowledge. (vii) Sample Test Paper to have experience before actual exam. (viii) Puzzles and interactive learning to keep

## Online Library Fiitjee Exam Papers

interest. (ix) How to make notes to up-to-date and add your thinking inside the book. (x) Archive of IIT-JEE Mains/Advanced. (xi) All types of questions (Single and Multi-correct, Integer Type, Comprehension, Assertion-reason, Matrix-Match) i.e Subjective and Objective both.

The book SuperB 15 Mock Tests for IPM (IIM Indore) Entrance Exam with 5 Online Tests provides 15 Practice Sets - 10 in the book and 5 Online - on the exact pattern as specified in the latest notification. The book provides the 2017, 2018 & 2019 Solved Papers. Each Test contains 100 questions divided into 2 sections: Verbal Ability (40) and Quantitative Aptitude (60). The solution to each Test is provided at the end of the book. This book will really help the students in developing the required Speed and Strike Rate, which can increase their final score by 15% in the final exam.

The Smart & Innovative Book from Disha 'NTA JEE Main 101 Speed Tests' contains: 1. 87 Chapter-wise + 12 Subject-wise + 2 Full Syllabus Tests based on the NCERT & JEE Main Syllabus. 2. Carefully selected Questions (30 per Chapter /Subject & 90 per Full Test) that helps you assess & master the complete syllabus for JEE Main. 2. The book is divided into 3 parts: (a) 87 Chapter-wise Tests (29 in Physics, 30 in Chemistry & 28 in Mathematics); (b) 12 Subject-wise (4 each in Physics, Chemistry & Mathematics); (c) 2 Full Test of

## Online Library Fiitjee Exam Papers

PCM. 3. Time Limit, Maximum Marks, Cutoff, Qualifying Score for each Test is provided. 4. These Tests will act as an Ultimate tool for Concept Checking & Speed Building. 5. Collection of 3210 MCQ's of all variety as per latest pattern & syllabus of NEET exam. This book, if completed with FULL HONESTY, will help you improve your score by 15-20%. A Must Have Book in the last 3-4 months of the exam and can be completed in 105 Hrs.

While preparing for Class XII Board Exams, many students often burn the midnight oil by the sidewise preparation of JEE Mains which is the most reputed Engineering Entrance Exam in India conducted by The Central Board of Secondary Education (CBSE). As the students are well-known about the syllabus of this exam which appears tough by the inclusion of subjects like Physics, Chemistry and mathematics, the book shown in the right side is of great help to cope up its difficulty level this year. Titled '17 Years' JEE MAIN Chapterwise Chemistry' the book is a revised version and provides the detailed solutions on 20 chapters of Chemistry from 2002 to 2018. The manner in which the solutions have been made is easy to grasp. For self-evaluation, 10 Mock Tests is attached in the book along with free Online Practice as well to suit the students' comfortability. Also, Solved Papers of Previous Years' Questions (2015-2018) is charted along the book to familiarize students with the exam pattern. Designed as per the students' perspective, it is a premium book to support the dream of leading success in the upcoming JEE MAIN. Table of Content Some Basic Concepts of Chemistry, States of Matter, Atomic Structure, chemical Bonding, Thermodynamics, Solutions, Equilibrium, Redox Reactions and Electrochemistry, Chemical Kinetics and Surface Chemistry, Periodicity of

## Online Library Fiitjee Exam Papers

Elements, Principles and Processes of Metallurgy, Hydrogen, s and p Block Elements, d and f Block Elements and Coordination Chemistry, Environmental Chemistry, General Organic Chemistry, Hydrocarbons and their Halogen Derivatives, Organic Compounds Containing Oxygen (Alcohols, Ethers, Aldehydes, Ketones, Carboxylic Acids and their Derivatives), Organic Compounds Containing Nitrogen (Amines and Diazonium Salts), Polymers and Biomolecules, Analytical Chemistry and Chemistry in Everyday Life, Practice Sets and Solved Papers for JEE MAIN. Show less

"Bring conceptual clarity and develop the skills to approach any unseen problem, step by step."  
- HC Verma "Great Book to read and understand! Quality explanations and methodical approach separates this book from the rest. A clear winner in its category." -Review on Amazon "Must have book for every IIT JEE aspirant! There are many solution books available in the market but this book is a class apart. Solutions are explained in detail. In many questions there are extra points which are beneficial for aspirants." - Review on Amazon Written by IITians, foreword by Dr HC Verma and appreciated by students as well as teachers. Two IITian have worked together to provide a high quality Physics problem book to Indian students. It is an indispensable collection of previous 41 years IIT questions and their illustrated solutions for any serious aspirant. The success of this work lies in making the readers capable to solve complex problems using few basic principles. The readers are also asked to attempt variations of the solved problems to help them understand the concepts better. The students can use the book as a readily available mentor for providing hints or complete solutions as per their needs. Key features of the book are: - Concept building by problem solving. The solutions reveals all the critical points. - 1400+ solved problems from IIT JEE. The book contains all questions and

## Online Library Fiitjee Exam Papers

their solutions. - Topic-wise content arrangement to enables IIT preparation with school education. - Promotes self learning. Can be used as a readily available mentor for solutions. This book will strengthen a student's grasp of the laws of physics by applying them to practical situations, and problems that yield more easily to intuitive insight than brute-force methods and complex mathematics. These intriguing problems, chosen almost exclusively from classical (non-quantum) physics, are posed in accessible non-technical language requiring the student to select the right framework in which to analyse the situation and decide which branches of physics are involved. The level of sophistication needed to tackle most of the two hundred problems is that of the exceptional school student, the good undergraduate, or competent graduate student. The book will be valuable to undergraduates preparing for 'general physics' papers. It is hoped that even some physics professors will find the more difficult questions challenging. By contrast, mathematical demands are minimal, and do not go beyond elementary calculus. This intriguing book of physics problems should prove instructive, challenging and fun.

The Book Contains set of 20 mathematics papers. The questions covered in the test paper are of high frequently ask concepts and covers the entire topics and their interrelated concepts.

Dear Student! Hope you have finished your entire syllabus or finishing soon. You were studying mathematics for IIT JEE Main/Advanced or other similar engineering entrance exam, since past two years. Now it's a time to revise the syllabus. To crack the exam, revision is must so prepare well for the same. Here are the guidelines to revise and use

“BRAHMASTRA”, A successful tool for IIT Jee Mains/ Advanced Preparation. we have 12 topics test, 3 part test of Mathematics only , 3 IIT JEE mains Full Test (Physics, Chemistry and

## Online Library Fiitjee Exam Papers

Mathematics With answer Key Only, Only IIT JEE Mains Full Test 1 Have Answer Key along with hint/Solutions ) and One Test is for IIT JEE Advanced Level (Paper -1 and Paper - 2), with answer Key, Hints and Solution. The different category test has different duration limit mentioned in paper. Since you are the only judging criteria, so be honest and perform well and learn from mistakes. Avoid calculation error. Make examination environment to have the test. It's advisable that write full test as per the main exam time duration. i.e. 9:30 AM – 12:30 PM. Questions: How to make preparation for the test? Answer: (1) Solve the questions of 38 years papers of IIT JEE Mains and Advanced (Objective, Matrix Match, Paragraph, Integer type questions only) (2) make sure that you have done at-least 100 questions from each topic, apart from 38 year papers before the test. This will enhance your speed to solve the problems in exam

The Picture Dictionary is an exciting interactive approach to vocabulary building for young learners. It offers everything needed to make learning a new language a delight. Aim of the picture dictionary: \* To improve children's understanding of English \* To help children develop their dictionary skills \* To encourage children to enjoy learning English Specifically designed to engage and motivate young learners and to make English a fun, its special features include: more than 500 words presented in alphabetical order; more than 500 coloured images; parts of speech; a sentence along with every word; vocabulary chosen for its immediate relevance to young learners. This picture dictionary introduces basic dictionary skills such as alphabetization, spelling, pronunciation, and much more. The A-Z pages allow children to learn about the alphabet and alphabetical order; find a word using the initial letter; check their own spelling; and learn how to use simple definitions of words, and so extend their own vocabulary.



## Online Library Fiitjee Exam Papers

Encourage children to extend the vocabulary along with the picture dictionary and to build up their active knowledge of English words. #v&spublishers

BENEFITS OF NEET SQPs: Get a thorough practice with 15 sample papers Decode the exam pattern with Previous Years' Papers Get on top of exam paper trends with Subjective Analysis Execute last minute revision with Answer Keys Enhance cognitive learning with Oswaal 'Mind Maps' Boost memory and confidence with Oswaal Mnemonics Easy to scan QR Codes for Revision Notes, Concept Videos & Appendix

Whenever a student decides to prepare for any examination, her/his first and foremost curiosity is about the type of questions that he/she has to face. We feel great pleasure to present before you this book. We have made an attempt to provide unit wise collection of questions asked in KVPY with answer and solutions to majority of questions. Solutions to the questions are not just sketch rather have been written in such a manner that the students will be able to understand the application of concept and can answer some other related questions too. We firmly believe that the book in this form will definitely help a genuine, hardworking student. we have tried our best to keep errors out of this book. Comment and criticism from readers will be highly appreciated and incorporated in the subsequent edition. We wish to utilize the opportunity to place on record our special thanks to all team members of Content Development for their efforts to make this wonderful book. Physics Chapter : Mechanics Heat &

## Online Library Fiitjee Exam Papers

Waves Electrodynamics Optics Modern Physics Chemistry Chapter : Physical  
Chemistry Inorganic Chemistry Organic Chemistry Mathematics Chapter :  
Number System Algebra Geometry Surface Area & Volume Commercial & Clock  
Trigonometry Biology Chapter : Diversity in the Living World Structural  
Organization in Plants & Animals Cell : Structure & functions Plant physiology  
Human physiology Reproduction Genetics & evolution Biology in Human Welfare  
Biotechnology Ecology  
SUPERB 15 Mock Tests for IPM (IIM Indore) Entrance Exam with 5 Online  
TestsDisha Publications

[Copyright: accc527635ccd20512545fb984ee2e33](https://www.fiiitjee.com/copyright/accc527635ccd20512545fb984ee2e33)