

## Fiitjee Phase Test Papers

Organic Chemistry  
Modern Approach To Chemical Calculations  
An Introduction To The Mole Concept  
Problems in Calculus of One Variable  
Plane Trigonometry  
Thirty Days to Better English (FREE SAMPLE)  
Objective NCERT Xtract Physics for NEET-JEE Main, Class 11-12, AIIMS, BITSAT, JIPMER, JEE Advanced 4th Edition  
IIT Foundation Series- Physics Class VIII, 3/e  
Comprehensive Objective Physics  
Educative JEE Mathematics  
Department of the Interior Spending and the President's Fiscal Year 2013 Budget Proposal  
Study Guide For Ntse (class 8)  
Data Matching Challenge and Thrill of Pre-College Mathematics  
Figures for Fun  
How to Prepare for the GRE Test  
Paramedic Interview Questions and Answers  
Concepts Of Physics  
The William Lowell Putnam Mathematical Competition 1985–2000: Problems, Solutions, and Commentary  
NTA JEE Main 101 Speed Tests (87 Chapter-wise + 12 Subject-wise + 2 Full)  
Quick Reference General Knowledge  
The Power of a Teacher  
21 Online JEE Main Year-wise Solved Papers with 5 Online Mock Tests for NTA JEE Main  
Selected Papers on Acousto-optics  
Fundamentals of Physical Chemistry  
15 Mock Tests for NTA JEE Main 2020 - Latest 75 Question Pattern  
5 NTSE Practice Sets for Stage 1 - SAT & MAT 2nd Edition  
Basic Laws of Electromagnetism  
A guide to Mathematics for NTSE (Useful for JSTSE, NSEJS & KVPY) (Free Sample)  
19 Years JEE MAIN Chapter-wise Solved Papers (2002 - 20) 12th Edition  
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Numerical Chemistry  
A Modern Approach to Vernbal & Non Verbal Reasoning  
Objective Chemistry Super 30  
Target NTSE Class 10 Stage 1 & 2 Solved Papers (2015 - 19) + 5 Mock Tests (MAT + SAT)  
6th Edition  
THEORY OF ELASTICITY AND PLASTICITY  
Pathfinder for Olympiad and JEE (Advanced)  
Physics  
5 New Pattern Mock Tests for NTA JEE Main 2020 Exam - 75 Questions per Test - 3rd Edition  
English & Logical Reasoning For Bitsat  
Figuring: The Joy Of Numbers

### Organic Chemistry

The IIT Foundation series is a series of twelve books — four each for physics, chemistry and mathematics— that prepares the students for the JEE (Main and Advanced) and various elite competitive examinations. Though aimed primarily at students studying in Classes 7, 8, 9, and 10, the series can also be used by all aspirants for a quick recapitulation of important topics in the core subjects.

### Modern Approach To Chemical Calculations An Introduction To The Mole Concept

### Problems in Calculus of One Variable

Theory of Elasticity and Plasticity is designed as a textbook for both undergraduate and postgraduate students of engineering in civil, mechanical and aeronautical disciplines. This book has been written with the objective of bringing the concepts of elasticity and plasticity to the students in a simplified and comprehensive manner. The basic concepts, definitions, theory as well as practical applications are discussed in a clear, logical and concise manner for better understanding. Starting with, general relationships between stress, strain and deformations, the book deals

with specific problems on plane stress, plane strain and torsion in non-circular sections. Advanced topics such as membrane analogy, beams on elastic foundations and plastic analysis of pressure vessels are also discussed elaborately. For better comprehension, the text is well supported with: □ Large number of worked-out examples in each chapter. □ Well-labelled illustrations. □ Numerous Review Questions that reinforce the understanding of the subject. As all the concepts are covered extensively with a blend of theory and practice, this book will be a useful resource to the students.

## **Plane Trigonometry**

## **Thirty Days to Better English**

## **(FREE SAMPLE) Objective NCERT Xtract Physics for NEET-JEE Main, Class 11-12, AIIMS, BITSAT, JIPMER, JEE Advanced 4th Edition**

## **IIT Foundation Series- Physics Class VIII, 3/e**

Data matching (also known as record or data linkage, entity resolution, object identification, or field matching) is the task of identifying, matching and merging records that correspond to the same entities from several databases or even within one database. Based on research in various domains including applied statistics, health informatics, data mining, machine learning, artificial intelligence, database management, and digital libraries, significant advances have been achieved over the last decade in all aspects of the data matching process, especially on how to improve the accuracy of data matching, and its scalability to large databases. Peter Christen's book is divided into three parts: Part I, "Overview", introduces the subject by presenting several sample applications and their special challenges, as well as a general overview of a generic data matching process. Part II, "Steps of the Data Matching Process", then details its main steps like pre-processing, indexing, field and record comparison, classification, and quality evaluation. Lastly, part III, "Further Topics", deals with specific aspects like privacy, real-time matching, or matching unstructured data. Finally, it briefly describes the main features of many research and open source systems available today. By providing the reader with a broad range of data matching concepts and techniques and touching on all aspects of the data matching process, this book helps researchers as well as students specializing in data quality or data matching aspects to familiarize themselves with recent research advances and to identify open research challenges in the area of data matching. To this end, each chapter of the book includes a final section that provides pointers to further background and research material. Practitioners will better understand the current state of the art in data matching as well as the internal workings and limitations of current systems. Especially, they will learn that it is often not feasible to simply implement an existing off-the-shelf data matching system without substantial adaption and customization. Such practical considerations are discussed for each of the major

steps in the data matching process.

## **Comprehensive Objective Physics**

## **Educative JEE Mathematics**

Your preparation for Physics, Chemistry and Maths is over. Disha presents a Comprehensive guide to English and Logical Reasoning for BITSAT and other exams like UGET Manipal, AFMC, JIPMER, CMC. Also contains 2 Mock Papers on the pattern of BITSAT.

## **Department of the Interior Spending and the President's Fiscal Year 2013 Budget Proposal**

## **Study Guide For Ntse (class 8)**

## **Data Matching**

As the pattern of JEE Main 2020 is changed by NTA, Disha launches the latest (3rd) & Upgraded edition of its popular book '5 New Pattern Mock Tests for NTA JEE Main 2020 Exam - 75 Question per Test'. The book provides you 5 authentic Mock Tests based on the latest syllabus and pattern of 75 questions each. Each Mock Tests contains 60 Multiple Choice Questions (20 each in Physics, Chemistry & Mathematics) & 15 Numeric Answer Questions (5 each in Physics, Chemistry & Mathematics). The detailed solution of each test is provided immediately after each test. The book also provide 240 Most Probable Numeric Answer Questions (80 per subject) for JEE Main 2020.

## **Challenge and Thrill of Pre-College Mathematics**

## **Figures for Fun**

## **How to Prepare for the GRE Test**

## **Paramedic Interview Questions and Answers**

## **Concepts Of Physics**

The book A guide to Mathematics for NTSE (Useful for JSTSE, NSEJS & KVPY) has been written with a flavour to guide aspirants of Class 10/ 9 to master Mathematics for NTSE, JSTSE, NSEJS & KVPY. The book provides lucidly written theory along with

a number of solved examples. The unique part of the book is the graded level of questions it provides. The theory is followed by 2 levels of exercises - Level 1 & 2. Previous Year Solved Questions of NTSE, JSTSE, NSEJS & KVPY are inserted in these exercises as per their suitable level. The detailed solution of each & every question has been provided at the end of the chapter. This book is a must for all Mathematics lovers and it will be an asset in building a strong foundation for Class 11/ 12/ IIT & all Aptitude exams.

## **The William Lowell Putnam Mathematical Competition 1985-2000: Problems, Solutions, and Commentary**

Quick Reference General Knowledge is a thoroughly researched, exam oriented text, which will help students to master general knowledge from a variety of fields. This book will prepare students for numerous competitive examinations. The book covers various topics such as history, geography, Indian polity, Indian economy, general science and general knowledge, presenting concise and clear explanations for the students. This book will be useful for SSC, Banking, UPSC, NDA, CDS and other examinations.

## **NTA JEE Main 101 Speed Tests (87 Chapter-wise + 12 Subject-wise + 2 Full)**

Anand Kumar, a mathematics prodigy, defied all challenges to set up one of the most successful and innovative teaching initiatives in the world—Super 30. Born in Chandipur Bela, Patna, Anand secured a place in Cambridge University but couldn't attend because he had no money and sold papads in the evenings instead. He dealt with his own disappointment by setting up an innovative school in 2002 to prepare underprivileged students for the IIT JEE examination. Super 30 has an astonishing success rate and on an average, twenty-seven to twenty-eight of the thirty students crack the exam every year. Stirring and heart-wrenching, this is the extraordinary story of a visionary who has elevated these bright sparks and, through education, given them hope to rise above crippling poverty.

## **Quick Reference General Knowledge**

This title contains an Access Code to access the Online Material. In case you face any difficulty, email at [ebooks.support@aiets.co.in](mailto:ebooks.support@aiets.co.in). 21 Online JEE Main Year-wise Solved Papers for NTA JEE Main consists of Past Year-wise Solved Papers from 2012 - 2018. The book contains 1890 past MCQs - 630 each in Physics, Chemistry & Mathematics. The students can also appear in these tests as Practice Sets.

## **The Power of a Teacher**

"The ultimate guide to anyone who is serious about passing the selection interview for becoming a Paramedic. It contains lots of sample interview questions and answers to assist you during your preparation and provides advice on how to gain higher scores. Created in conjunction with serving Paramedics, this comprehensive guide includes: How to prepare for the interview to ensure success. Gaining higher scores in order to improve career opportunities. Sample interview questions.

Answers to the interview questions. Insider tips and advice. Advice from serving Paramedics."--back cover.

## **21 Online JEE Main Year-wise Solved Papers with 5 Online Mock Tests for NTA JEE Main**

### **Selected Papers on Acousto-optics**

The Book Thoroughly The Following: Physical Chemistry With Detailed Concepts And Numerical Problems. Organic Chemistry With More Chemical Equations. Inorganic Chemistry With Theory And Examples. In Addition To A Well Explained Theory The Book Includes Well Categorized Classified And Sub-Classified Questions On The Basis Of Latest Trends Of Examination Papers. Salient Features As Per The Syllabus Of Engineering And Medical Entrance Examinations Previous Years Solved Papers Every Unit Contains (I) Main Highlights; (Ii) Multiple Choice Questions; (Iii) True And False Statements; (Iv)Hints And Solutions.

### **Fundamentals of Physical Chemistry**

Key Features: Physical aspects of the phenomena are clearly explained. Multiple model representations are employed as per necessity. Problems complementing the text are extensively given. About the Book: 'Basic Laws of Electromagnetism' is a book describing the Fundamental Laws of Electromagnetism with allied examples to help and enable the readers to attain a deeper understanding of the subject and visualize the wide range of applications of the ideas discussed. The book lays emphasis on the physical aspects of the phenomena, avoiding superfluous mathematical formulae. The textbook is quite handy for the students of senior secondary and undergraduate levels, and also for various engineering and medical entrance examinations. This is newly typeset print of a 'Classical Book' in Physics.

### **15 Mock Tests for NTA JEE Main 2020 - Latest 75 Question Pattern**

Fifteen minutes a day for one month is the time factor involved in this selfimprovement guide to correct vocabulary, spelling, pronunciation, and grammar

### **5 NTSE Practice Sets for Stage 1 - SAT & MAT 2nd Edition**

### **Basic Laws of Electromagnetism**

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 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.

## **A guide to Mathematics for NTSE (Useful for JSTSE, NSEJS & KVPY)**

There is a range and richness to numbers. They can come alive, cease to be symbols written on a black board, and lead the reader into a world of intellectual adventure where calculations are thrilling. In Figuring: The Joy of Numbers, Shakuntala Devi dramatizes the endless fascination of numbers and their ability to amaze and entertain. She offers easy-to-learn short cuts on how to add long columns in your head, multiply, divide, and find square roots quickly, almost magically. Fractions, decimals, and compound interest become clear and easy to deal with. The author takes delight in working out huge problems mentally, and sometimes even faster than computers. In Figuring she shares her secrets with you.

## **(Free Sample) 19 Years JEE MAIN Chapter-wise Solved Papers (2002 - 20) 12th Edition**

## **6 JEE Main Online 2020 Phase I Solved Papers with 10 Mock Tests (5 Online)**

This work is an effort to cultivate the philosophy of applying subject knowledge with utmost clarity amongst the aspirants of national/international Physics Olympiad and JEE (Advanced). The sections of exercises are structured in gradually increasing lev

## **Numerical Chemistry**

## **A Modern Approach to Vernbal & Non Verbal Reasoning**

"Does your brain need a workout? Are you wondering what to do? Well this could be the book for you! This is a great book for anyone who is looking for a challenge and, if you get too stuck, the author kindly also provided the answers at the end of each chapter!" — Splashes Into Books Give your mind a playful workout with this collection of more than 100 inventive puzzles. Finding the solutions requires only minimal mathematical knowledge and will test your imagination as well as your brainpower. The motley collection ranges from conundrums and mathematical stunts to practical situations involving counting and measuring. Chess problems, magic squares, and a host of other intriguing scenarios will amuse and challenge puzzle enthusiasts and fans of recreational mathematics. Answers appear at the end of each chapter. These puzzles are the inventions of a gifted Soviet

mathematician, Yakov Perelman, whose popular science books on astronomy, physics, and mathematics inspired generations of readers. Perelman's distinctive style, abounding in wit and ingenuity, adds a special flair to his timeless riddles and brainteasers.

## Objective Chemistry

### Super 30

This third volume of problems from the William Lowell Putnam Competition is unlike the previous two in that it places the problems in the context of important mathematical themes. The authors highlight connections to other problems, to the curriculum and to more advanced topics. The best problems contain kernels of sophisticated ideas related to important current research, and yet the problems are accessible to undergraduates. The solutions have been compiled from the American Mathematical Monthly, Mathematics Magazine and past competitors. Multiple solutions enhance the understanding of the audience, explaining techniques that have relevance to more than the problem at hand. In addition, the book contains suggestions for further reading, a hint to each problem, separate from the full solution and background information about the competition. The book will appeal to students, teachers, professors and indeed anyone interested in problem solving as a gateway to a deep understanding of mathematics.

### Target NTSE Class 10 Stage 1 & 2 Solved Papers (2015 - 19) + 5 Mock Tests (MAT + SAT) 6th Edition

The National Talent Search Examination has been very popular among school students. This examination not only provides scholarship to the good students but also highlights the students with good aptitude and knowledge. Earlier this examination was used to be conducted for class X students but recently the government has shifted this examination from class X to class VIII. There are 2 separate tests conducted in this examination Mental Ability Test and Scholastic Aptitude Test. The Study Guide for NTSE is a comprehensive book which has been written to provide learning of all the concepts involved in the syllabus of NTSE. Salient features of the book : " The book has been divided into 2 sections - Mental Ability Test and Scholastic Aptitude Test. There are 22 chapters in the Mental Ability Section. The Scholastic Aptitude section has been further divided into 7 parts Physics, Chemistry, Biology, Mathematics, History, Geography and Civics." The book provides sufficient point-wise theory, solved examples followed by FULLY SOLVED exercises." The most comprehensive coverage as per the latest syllabus of class VI, VII & VIII." Maps, Diagrams and Tables to stimulate the thinking ability of the student." The book also contains very similar questions to what have been asked in the previous NTSE examinations of Class VIII. Disha Publication: Disha is one of the leading publishers of books for Engineering Entrance Exams. It has published more than 100 titles in a short span of 5 years. Disha is a pioneer and has been the first to publish books on the new pattern of IIT-JEE. Disha has published text books, guide books, problem books, solved papers, mock papers etc. for the most prestigious exams like IIT-JEE, AIEEE etc. Disha panel of authors

includes, renowned faculty of India like Dr. O. P. Agarwal, Dr. J. B. Yadav, Dr. R. C. Narang, Dr. A. Majeed, Dr. J. N. Rastogi, D. C. Gupta, Er. Shishir Mittal, Dr. Deepak Joshi, Er. Deepak Agarwal, Dr. K. K. Kulshreshtha, Er. Anoop Srivastava, Er. Sunil Batra, Mamta Batra, Er. Sanjay Bhatnagar etc.

## **THEORY OF ELASTICITY AND PLASTICITY**

Challenge And Thrill Of Pre-College Mathematics Is An Unusual Enrichment Text For Mathematics Of Classes 9, 10, 11 And 12 For Use By Students And Teachers Who Are Not Content With The Average Level That Routine Text Dare Not Transcend In View Of Their Mass Clientele. It Covers Geometry, Algebra And Trigonometry Plus A Little Of Combinatorics. Number Theory And Probability. It Is Written Specifically For The Top Half Whose Ambition Is To Excel And Rise To The Peak Without Finding The Journey A Forced Uphill Task. The Undercurrent Of The Book Is To Motivate The Student To Enjoy The Pleasures Of A Mathematical Pursuit And Of Problem Solving. More Than 300 Worked Out Problems (Several Of Them From National And International Olympiads) Share With The Student The Strategy, The Excitement, Motivation, Modeling, Manipulation, Abstraction, Notation And Ingenuity That Together Make Mathematics. This Would Be The Starting Point For The Student, Of A Life-Long Friendship With A Sound Mathematical Way Of Thinking. There Are Two Reasons Why The Book Should Be In The Hands Of Every School Or College Student, (Whether He Belongs To A Mathematics Stream Or Not) One, If He Likes Mathematics And, Two, If He Does Not Like Mathematics- The Former, So That The Cramped Robot-Type Treatment In The Classroom Does Not Make Him Into The Latter; And The Latter So That By The Time He Is Halfway Through The Book, He Will Invite Himself Into The Former.

## **Pathfinder for Olympiad and JEE (Advanced) Physics**

Fundamentals of Physical Chemistry is the signature compilation of the class tested notes of iconic chemistry coach Ananya Ganguly. Her unique teaching methodology and authoritative approach in teaching of concepts, their application and strategy is ideal for preparing for the IITJEE examinations. The author's impeccable command and the authority on each foray of chemistry teaching are visible in each chapter and the chapter ending exercises. Each chapter unfolds the structured, systematic and patterned chemistry concepts in lucid and student friendly approach. The book is without those unnecessary frills that make the bulk in other popular books in the market for the IITJEE. An indispensable must have for in-depth comprehension of Chemistry for the coveted IITJEE.

## **5 New Pattern Mock Tests for NTA JEE Main 2020 Exam - 75 Questions per Test - 3rd Edition**

## **English & Logical Reasoning For Bitsat**

Updated to reflect the most recent Graduate Record Exams, this manual presents six full-length model tests with answers and explanations. It also offers intensive subject review in all test topics, which include antonym questions, analogy



questions, sentence completion, reading comprehension, vocabulary, analytical writing, quantitative comparison, data interpretation, and mathematics. The all-important vocabulary review contains both a GRE high-frequency word list and a 3,500 master word list with definitions.

## **Figuring: The Joy Of Numbers**

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