

Paper IIT JEE Mathematics Mains Question Paper Of Year

This title contains an Access Code along with instructions to access the Online Material. In case you face any difficulty, write to us at ebooks.support@aiets.co.in. • The book “40 Years IIT-JEE Advanced + 16 yrs JEE Main/ AIEEE Topic-wise Solved Paper MATHEMATICS with Free ebook” is the first integrated book, which contains topic-wise collection of past JEE Advanced (including 1978-2012 IIT-JEE & 2013-17 JEE Advanced) questions from 1978 to 2017 and past JEE Main (including 2002-2012 AIEEE & 2013-17 JEE Main) questions from 2002 to 2017. • The new edition has been designed in 2-colour layout and comes with a Free ebook which gives you the power of accessing your book anywhere - anytime through web and tablets. • The book is divided into 22 chapters. The flow of chapters has been aligned as per the NCERT books. • Each chapter divides the questions into 9 categories (as per the NEW IIT pattern) - Fill in the Blanks, True/False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer and Subjective Questions. • All the Screening and Mains papers of IIT-JEE have been incorporated in the book. • Detailed solution of each and every question has been provided for 100% conceptual clarity of the student. Well elaborated detailed solutions with user friendly language provided at the end of each chapter. • Solutions have been given with enough diagrams, proper reasoning to bring conceptual clarity. • The students are advised to attempt questions of a topic immediately after they complete a topic in their class/school/home. The book contains around 3500+ MILESTONE PROBLEMS IN Mathematics. How does the FREE ebook help? • Provides the Digital version of the book which can be accessed through tablets and web in both online and offline mediums. • Also provides the AIEEE Rescheduled 2011 paper and 1997 IIT-JEE cancelled paper. • Alternate Solutions to a number of Questions. • Quick Revision Material.

1. Chapterwise Solution Mathematics has been designed for the preparation of JEE Main Exam 2. The book is divided into 21 chapters 3. It provides detailed solutions of all chapters [2002 -2018] 4. 3 practice sets and 3 Free Online Practices Sets for practice 5. Solved paper for previous Years' Questions [2015 – 2018] JEE Entrance is the gateway to some of the prestigious engineering technology institutions and every year nearly 10 Lakhs students appear in the race. The rigorous practice is required to get through the exam. Preparation never ends until the last minute if there is no proper planning done before the exam. To make students well versed with pattern as well as the level of the questions asked in the exam, this book contains Chapterwise Solutions of the questions asked in Last 19 Years' Examinations of JEE Main Chapterwise. Solutions to all the questions have been kept very detailed and accurate for the better understanding. Along with the indication of level exam, this book also teaches you how to solve the question objectively in the examination. In order to give the student a complete practice, along with Chapterwise solutions it contains 3 Practice Sets aligned exactly on JEE Main Syllabus and pattern. TABLE OF CONTENT JEE MAIN ONLINE PAPER 2020 (Jan & Sept Attempt), Sets, Relations and Functions, Complex Numbers and Quadratic Equations, Matrices and Determinants, Permutations and Combinations, Mathematical Induction, Binomial Theorem and Its Simple Applications, Sequences and Series, Limits and Continuity and Differentiability, Integral Calculus, Differential Equations, Coordinate Geometry, Three Dimensional Geometry, Vector Algebra, Statistics and Probability, Trigonometry, Mathematical Reasoning, Practice Sets for JEE MAIN: Practice Sets (1-3).

In view of the New approach of IIT-JEE (Mains/Advance) , this book provides ample scope to the JEE aspirants to practice conceptual questions in Mathematics. The book contains 34 chapters and 2 worksheets on graphs, most of the chapters have 2 exercises and the

questions format match the pattern of JEE (Mains and Advance). In all the chapters, number of questions are limited to 50-70 with the philosophy of qualitative questions rather than quantitative approach. All the questions are so framed that it covers complete fundamentals of the topic which is needed at IIT-JEE level each question is having some specific purpose to incorporate in this book. This book is primarily a problem solving book and students are suggested to revise all the basics before attempting the questions from any chapter. In mathematics, graphs play an important role in data interpretation and analysis and serve as a tool for understanding the data in pictorial form. In IIT-JEE syllabus graphs are not explicitly mentioned but from the track of past year question papers it can be traced out that graphs play a vital role in answering and interpretation of the analytical and conceptual questions. Keeping in view the importance of graph two worksheets on graph practice are included at the end of this book. Detailed solution and explanation of all the problems is provided in separate solution book to make the problem book handy and problem book is provided with answer key after each chapter. About the Author: Er. L.K. Sharma, an engineering graduate from NIT-Jaipur, is a well known name among the engineering aspirants for the last 18 years. He has been awarded with "BHAMASHAH AWARD" two times for the academic excellence in the state of Rajasthan. He is popular among the student community for possessing the excellent ability to communicate the scientific concepts in analytical and graphical ways. He has worked with most reputed IIT-JEE/Medical coaching institutes of Delhi and Kota in academic and administrative positions. He had worked as IIT-JEE mathematics faculty with DPS, RK Puram (Delhi) for five years.

Contains large number of Solved Examples and Practice Questions. Answers, Hints and Solutions have been provided to boost up the morale and increase the confidence level. Self Assessment Sheets have been given at the end of each chapter to help the students to assess and evaluate their understanding of the concepts.

- The book 43 JEE Main Mathematics Online & Offline Topic-wise Solved Papers provides the last 18 years ONLINE & OFFLINE (2002-18) papers.
- The book contains a total of 43 papers - 17 papers of JEE Main from the year 2002 - 2018 held OFFLINE including the AIEEE 2011 RESCHEDULED paper and 25 JEE Main papers held ONLINE from 2012-19.
- The book also provides separate (web link) free access to the 16 Online Solved Papers held in January & April, 2019.
- The book is distributed into around 28 Chapters exactly following the chapter sequence of the NCERT books of class 11 and 12.
- The questions in each Chapter are further divided into 2-3 topics. The Questions are immediately followed by their detailed solutions.
- The book constitutes of 1680 MCQs with Solutions.

1. '11 Years' IIT JEE Solved Papers' provides solid practice, strong and strong grip on concepts
2. Provides solved papers [2020-2010] IIT JEE (JEE Main & Advanced) for practice.
3. Inculcates problem solving skills in students
4. Step-by-step detailed solutions to questions in all three subjects
5. Builds the concept deeply from the basic level for better understanding

Preparing for IIT JEE (Main & Advanced) already creates an intense atmosphere among students who are appearing in it. This revised edition of '11 years Solved Papers [2010 -2020] IIT JEE (Mains & Advanced)' is cautiously designed to improve the problem-solving skills in students. As the name of the book suggests, these previous years' solved papers from 2010 to 2020 provides thorough practice. Detailed step by step solutions and guidance to the analytical, theoretical and calculative questions of Physics, Chemistry and Mathematics, enables aspirants an in-depth conceptual understanding for the topic that help them to answer correctly on time. With the help of these Years Solved papers, this book helps to build trust for getting success out of upcoming IIT JEE Exam 2021. TABLE OF CONTENT Solved Questions Papers [2010-2020]

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 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

Competition Science Vision (monthly magazine) is published by Pratiyogita Darpan Group in India and is one of the best Science monthly magazines available for medical entrance examination students in India. Well-qualified professionals of Physics, Chemistry, Zoology and Botany make contributions to this magazine and craft it with focus on providing complete and to-the-point study material for aspiring candidates. The magazine covers General Knowledge, Science and Technology news, Interviews of toppers of examinations, study material of Physics, Chemistry, Zoology and Botany with model papers, reasoning test questions, facts, quiz contest, general awareness and mental ability test in every monthly issue.

1. "JEE MAIN in 40 Day" is the Best-Selling series for medical entrance preparations 2. This book deals with Mathematics subject 3. The whole syllabus is divided into day wise learning modules 4. Each day is assigned with 2 exercises; The Foundation Questions & Progressive Questions 5. Unit Tests and Full-Length Mock Test papers for practice 6. NEET Solved Papers are provided to understand the paper pattern 7. Free online Papers are given for practice JEE Entrances are the gateway to some of the prestigious engineering technology institutions and every year nearly 10 lakh students appear in the race. The rigorous practice is required to get through the exam. Preparation never ends until the last minute if there is no proper planning done before the exam. The book "40 Days JEE Mains Mathematics" gives you an accelerated way to master the whole syllabus. Day-wise learning modules with clear grounding into concepts helps in quick learning. Each day is assigned with 2 exercises; The Foundation Questions & Progressive Questions for practice. Unit Tests and full-Length Mock Tests are given to provide the real feel of the exam. At the end of the book, there are all Online Solved papers of JEE MAIN 2020 for practice. Moreover, Free Online Practice Material can be availed for you to practice online. This book helps in increasing the level of preparation done by the students and

ensures scoring high marks. TABLE OF CONTENT Preparing JEE Main 2019 Mathematics in 40 Days! Day 1: Sets, Relations and Functions, Day 2: Complex Numbers, Day 3: Sequences and Series, Day 4: Quadratic Equation and Inequalities, Day 5: Determinants, Day 6: Matrices, Day 7: Binomial Theorem and Mathematical Induction, Day 8: Permutations and Combinations, Day 9: Unit Test 1 (Algebra), Day 10: Real Function, Day 11: Limits, Continuity and Differentiability, Day 12: Differentiation, Day 13: Application of Derivatives, Day 14: Maxima and Minima, Day 15: Indefinite Integrals, Day 16: Definite Integrals, Day 17: Area Bounded by the Curves, Day 18: Differential Equations, Day 19: Unit Test 2 (Calculus), Day 20: Trigonometric Functions and Equations, Day 21: Heights and Distances, Day 22: Inverse Trigonometric Functions, Day 23: Unit Test 3 (Trigonometry), Day 24: Cartesian System of Rectangular Coordinates, Day 25: Straight Lines, Day 26: The Circle, Day 27: Parabola, Day 28: Ellipse, Day 29: Hyperbola, Day 30: Unit Test 4 (Coordinate Geometry), Day 31: Vector Algebra, Day 32: Three Dimensional Geometry, Day 33: Unit Test 5 (Vector & 3D Geometry), Day 34: Statistics, Day 35: Probability, Day 36: Mathematical Reasoning, Day 37: Unit Test 6 (Probability and Mathematical Reasoning), Day 38: Mock Test 1, Day 39: Mock Test 2, Day 40: Mock Test 3, Online JEE Main Solved Papers 2019. Online JEE Mains Solved Papers 2020.

- The book “42 Years IIT-JEE Advanced + 18 yrs JEE Main Topic-wise Solved Paper CHEMISTRY” is the first integrated book, which contains topic-wise collection of past JEE Advanced (including 1978-2012 IIT-JEE & 2013-19 JEE Advanced) questions from 1978 to 2019 and past JEE Main (including 2002-2012 AIEEE & 2013-19 JEE Main) questions from 2002 to 2019.
- The book provides 2 Sets of JEE Main 2019 (1 of each of the 2 Phases) & Paper 1 & 2 of JEE ADvanced 2019.
- The book is divided into 23 chapters. The flow of chapters has been aligned as per the NCERT books.
- Each chapter divides the questions into 9 categories (as per the NEW IIT pattern) - Fill in the Blanks, True/False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer and Subjective Questions.
- All the Screening and Mains papers of IIT-JEE have been incorporated in the book.
- Detailed solution of each and every question has been provided for 100% conceptual clarity of the student. Well elaborated detailed solutions with user friendly language provided at the end of each chapter.
- Solutions have been given with enough diagrams, proper reasoning to bring conceptual clarity.
- The students are advised to attempt questions of a topic immediately after they complete a topic in their class/school/home. The book contains around 3380+ MILESTONE PROBLEMS IN Mathematics.

42 Years (1978-2019) JEE Advanced (IIT-JEE) + 18 yrs JEE Main (2002-2019) Topic-wise Solved Paper Mathematics 15th Edition Disha Publications

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, 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 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.

Rank Accelerator for Maths- Created by Top 100 IIT JEE Rankers Comprises of JEE Main and JEE Advanced important questions Designed by Top 100 JEE Rankers and Senior Faculty of Premier Institutes 4000+ Unsolved Questions Topic-wise exercises consisting questions of varied difficulty, Helps develop problem-solving ability 2000+ Problems of last 35 years, Topic-wise segregation of questions, Year-wise tagging of each question Proper categorization of questions into JEE Main and JEE Advanced, Seamless categorization of questions into JEE Main and JEE Advanced, Categorization of questions based on their relevancy and difficulty level Level of Exercises Categorized into JEE Main & Advanced, Division of questions into four exercises of increasing difficulty PlancEssential Questions, Important questions picked by Top 100 IIT JEE Rankers, the Best resource for quick and easy revision Types of Questions Based on Latest IIT JEE Pattern, Exercises based on latest IIT JEE Pattern, Questions with Single Option Correct, Multiple Options Correct, Exercise Questions comprises of Comprehension Based Questions, Assertion and Reasoning, Matrix Match, Comprehension Based Matrix Match, and Single Integer Type.

JEE Mains and Advance is not another engineering entrance it's the gateway to study in top Engineering Colleges in India including IITs. Last few years seems to

have lots of changes in the pattern of the paper and exam of such caliber definitely needs a well versed approach before you hit the D-day. 42 Years' Chapterwise Chapter wise previous year solved paper is one of the best-selling books that brings collection of last 42 years of question & answer and address all patterns of examination. The current edition of '42 Years' Chapter wise and Topic wise Solved Paper' provides knowledge about the subject (Mathematics) as it clarifies all the doubts and queries regarding the concepts, theorem and formulas about the subject. The book has been divided into 26 chapters and each chapter is provided with ample no. of questions in their exercises that makes students familiar with the latest question paper pattern and also answer giving pattern, moreover all the answers of the questions have been explained in detail in an easy to understand language and also carries JEE Main & Advanced solved papers 2020 which is going to help you in preparing for the forthcoming examination. You can also download the chapter tests for free so that so you preparation from anywhere and at any time. This 42 Years' is one of the most trusted book for IIT- JEE aspirants who has the dreams to achieve good grades and taking admissions in the best colleges of engineering in India.

The first edition of IIT-JEE Objective Mathematics by Er. L.K. Sharma was published in year 2014-15 with answer key but without any detailed solutions on various digital platforms. As the book got popularity among IIT-JEE aspirants, need for detailed solutions increased and now in view of IIT-JEE 2020, the complete detail solutions of the book is being published by WIN POINT Publishers. As per the request of various students/faculty from all over India,

complete detailed solutions are written for each and every problem of the book. The problem book of Revised Edition of 2020-21 is also available at the same platform

CONTENTS

1. Quadratic Equations 1 - 10
2. Sequences and Series 11 - 20
3. Complex Numbers 21 - 29
4. Binomial Theorem 30 - 38
5. Permutation and Combination 39 - 44
6. Probability 45 - 52
7. Matrices 53 - 60
8. Determinants 61 - 68
9. Logarithm 69 - 73
10. Functions 74 - 83
11. Limits 84 - 92
12. Continuity and Differentiability 93 - 99
13. Differentiation 100 - 105
14. Tangent and Normal 106 - 114
15. Rolle's Theorem and Mean Value Theorem 115 - 118
16. Monotonicity 119 - 122
17. Maxima and Minima 123 - 131
18. Indefinite Integral 132 - 136
19. Definite Integral 137 - 148
20. Area Bounded by Curves 149 - 161
21. Differential Equations 162 - 171
22. Basics of 2D-Geometry 172 - 175
23. Straight Lines 176 - 185
24. Pair of Straight Lines 186 - 190
25. Circles 191 - 203
26. Parabola 204 - 213
27. Ellipse 214 - 223
28. Hyperbola 224 - 232
29. Vectors 233 - 243
30. 3-Dimensional Geometry 244 - 255
31. Trigonometric Ratios and Identities 256 - 263
32. Trigonometric Equations and Inequations 264 - 269
33. Solution of Triangle 270 - 278
34. Inverse Trigonometric Functions 279 - 286

11. Limits 84 - 92
12. Continuity and Differentiability 93 - 99
13. Differentiation 100 - 105
14. Tangent and Normal 106 - 114
15. Rolle's Theorem and Mean Value Theorem 115 - 118
16. Monotonicity 119 - 122
17. Maxima and Minima 123 - 131
18. Indefinite Integral 132 - 136
19. Definite Integral 137 - 148
20. Area Bounded by Curves 149 - 161
21. Differential Equations 162 - 171
22. Basics of 2D-Geometry 172 - 175
23. Straight Lines 176 - 185
24. Pair of Straight Lines 186 - 190
25. Circles 191 - 203
26. Parabola 204 - 213
27. Ellipse 214 - 223
28. Hyperbola 224 - 232
29. Vectors 233 - 243
30. 3-Dimensional Geometry 244 - 255
31. Trigonometric Ratios and Identities 256 - 263
32. Trigonometric Equations and Inequations 264 - 269
33. Solution of Triangle 270 - 278
34. Inverse Trigonometric Functions 279 - 286

This book Mathematics for JEE (Mains & Advanced) is my gift to the aspirants of IIT jee who will surely be benefited by the methodology of this book along with the numerous questions given in every chapter, which are carefully picked from

different question papers of various examinations. The solution of every question has a detailed explanation for easy understanding; all the latest questions have been incorporated to help the students know the latest pattern of the questions being asked in exams. In nutshell, I might want to state that this book is an endeavour to fill the craving to turn into an IITian. This book covers target questions alongside point by point solution. Practice sets based on the pattern of examination. Subjective questions with the best representation.

FROM THE PUBLISHER: Oswaal Books is happy to announce the launch of Oswaal Handbooks for Physics, Chemistry, Biology & Mathematics which will supplement the need for concept clarity at every step of study. The Handbooks will act as Exam Reckoners for preparation of various Engineering & Medical competitive exams. These books are compact reference books and are the best for chapter-wise & topic wise preparation. IMPORTANT FEATURES OF THE BOOK: A Topper's Ready Reckoner Topper's Handbook will act like a universal reckoner for students at every stage of their study. These come for Physics, Chemistry- both Organic & Inorganic, Mathematics & Biology. WHAT THIS BOOK HAS FOR YOU: Oswaal Exam Tools Exam tools like Concepts Clarified, Important Formulae, Mind / Concept Maps are included in the handbooks. These make registration of concepts easier. Tips to crack various Exams Tips given by experts will ensure that by studying from these books, a student can write his paper well, get the best result & top rank! Real Time Videos for Hybrid Learning Real time Videos have been given for a digital edge. About Oswaal Books: We feel extremely happy to announce that Oswaal Books has been awarded as 'The Most Promising Brand 2019' by The Economic Times. This has been possible only because of your trust and love for us. Oswaal Books strongly believes in Making Learning Simple. To ensure student-friendly, yet highly exam-oriented content, we take due care in developing our Panel of Experts. Accomplished teachers with 100+ years of combined experience, Subject Matter Experts with unmatched subject knowledge, dynamic educationists, professionals with a keen interest in education and topper students from the length and breadth of the country, together form the coveted Oswaal Panel of Experts. It is with their expertise, guidance and a keen eye for details that the content in each offering meets the need of the students. No wonder, Oswaal Books holds an enviable place in every student's heart!

Benefits of solving these Test Series for JEE (Main) are: 15 Mock Test for JEE (Main)- Designed after a thorough research & include all typologies of Questions specified by the NTA. JEE (Main) Previous Years Papers: 2019 & 2020

Subjective Analysis to get on top of the test paper pattern Mind Maps of related subjects; Physics, Chemistry and Mathematics Oswaal Mnemonics to boost memory and confidence Easy to Scan QR Codes for online content

Jee maths previous solved papers, jee maths books, jee maths previous year solved papers, jee mains previous years solved papers mathematics, iit jee solved papers, jee mains previous years solved papers, jee mains chapterwise

previous year

1. '11 Years' IIT JEE Solved Papers' provides solid practice, strong and strong grip on concepts 2. Provides solved papers [2020-2010] IIT JEE (JEE Main & Advanced) for practice. 3. Inculcates problem solving skills in students 4. Step-by-step detailed solutions to questions in all three subjects 5. Builds the concept deeply from the basic level for better understanding Preparing for IIT JEE (Main & Advanced) already creates an intense atmosphere among students who are appearing in it. This revised edition of '11 years Solved Papers [2010 -2020] IIT JEE (Mains & Advanced)' is cautiously designed to improve the problem-solving skills in students. As the name of the book suggests, these previous years' solved papers from 2010 to 2020 provides thorough practice. Detailed step by step solutions and guidance to the analytical, theoretical and calculative questions of Physics, Chemistry and Mathematics, enables aspirants an in-depth conceptual understanding for the topic that help them to answer correctly on time. With the help of these Years Solved papers, this book helps to build trust for getting success out of upcoming IIT JEE Exam 2021. TABLE OF CONTENT Solved Questions Papers [2010-2020]

IIT JEE Exam is considered one of the toughest entrance exam and lakhs of students apply for this exam, it can be qualified through solid practice, strong and clear concepts in all three subject. With a regular practice of this papers help students to get acquainted with the exam pattern, Type of questions, important topics which enhances the speed and efficiency. The revised edition of Arihant's "14 Years' Unsolved Question Papers (2006-2019) IIT JEE (JEE MAIN & ADVANCED)" has facilitated the students who are preparing the for this important entrance examination. This book provides the unsolved question papers so as to give the real the feel of the examination to the candidates and make them acquaintance with their strong and weak points and fill up their loop holes during their preparations. The unsolved papers help candidates to check their progress and facilitates learning. This book is considered to be best tool for getting success in the upcoming IIT JEE Exam 2020. TABLE OF CONTENT Unsolved Questions Papers (2006-2019): IIT JEE 2006, IIT JEE 2007, IIT JEE 2008, IIT JEE 2009, IIT JEE 2010, IIT JEE 2011, IIT JEE 2012, JEE Main & Advanced 2013, JEE Main & Advanced 2014, JEE Main & Advanced 2015, JEE Main & Advanced 2016, JEE Main & Advanced 2017, JEE Main & Advanced 2018, IIT JEE Advanced 2019.

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

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, 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 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.

This title contains an Access Code along with instructions to access the Online Material. In case you face any difficulty, write to us at ebooks.support@aiets.co.in. • The book "40 Years IIT-JEE Advanced + 16 yrs JEE Main/ AIEEE Topic-wise Solved Paper MATHEMATICS with Free ebook" is the first integrated book, which contains Topic-wise collection of past JEE Advanced (including 1978-2012 IIT-JEE & 2013-16 JEE Advanced) questions from 1978 to 2016 and past JEE Main (including 2002-2012 AIEEE & 2013-16 JEE Main) questions from 2002 to 2016. • The new edition has been designed in 2-colour layout and comes with a Free ebook which gives you the power of accessing your book anywhere - anytime through web and tablets. • The book is divided into 23 chapters. The flow of chapters has been aligned as per the NCERT books. • Each divides the questions into 9 categories (as per the NEW IIT pattern) - Fill in the Blanks, True/False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer MCQs and Subjective Questions. • All the Screening and Mains papers of IIT-JEE have been incorporated in the book. • Detailed solution of each and every question has been provided for 100% conceptual clarity of the student. Well elaborated detailed solutions with user friendly language provided at the end of

each chapter. • Solutions have been given with enough diagrams, proper reasoning to bring conceptual clarity. • The students are advised to attempt questions of a topic immediately after they complete a topic in their class/school/home. The book contains around 3200+ MILESTONE PROBLEMS IN CHEMISTRY. How does the FREE ebook help? • Provides the Digital version of the book which can be accessed through tablets and web in both online and offline mediums. • Also provides the AIEEE Rescheduled 2011 paper and 1997 IIT-JEE cancelled paper. • Alternate Solutions to a number of Questions. • Quick Revision Material.

JEE Mains and Advanced is not another engineering entrance it's the gateway to study in top Engineering Colleges in India including IITs. Last few years seems to have lots of changes in the pattern of the paper and exam of such caliber definitely needs a well versed approach before you hit the D-day. '41 Years' Chapterwise Chapter wise previous year solved paper is one of the best-selling books that brings collection of last 40 years of question & answer and address all patterns of examination. The current edition of '41 Years' Chapter wise and Topic wise Solved Paper' provides knowledge about the subject (Mathematics) as it clarifies all the doubts and queries regarding the concepts, theorem and formulas about the subject. The book has been divided into 34 chapters and each chapter is provided with ample no. of questions in their exercises that makes students familiar with the latest question paper pattern and also answer giving pattern, moreover all the answers of the questions have been explained in detail in an easy to understand language and also carries JEE Advanced solved papers 2020 which is going to help you in preparing for the forthcoming examination. You can also download the chapter tests for free so that so you preparation from anywhere and at any time. This '41 Years' is one of the most trusted book for IIT- JEE aspirants who has the dreams to achieve good grades and taking admissions in the best colleges of engineering in India. TABLE OF CONTENT Complex Numbers, Theory of Equations, Sequences and Series, Permutations and Combinations, Binomial Theorem, Probability, Matrices and Determinants, Functions, Limit, Continuity and Differentiability, Application of Derivatives, Indefinite Integration, Definite Integration, Area, Differential Equations, Straight Line and Pair of Straight Lines, Circle, Parabola, Ellipse, Hyperbola, Trigonometrical Ratios and Identities, Trigonometrical Equations, Inverse Circular Functions, Properties of Triangles, Vectors, 3D Geometry, Miscellaneous, JEE Advanced Solved Paper 2019, JEE Main Solved Paper 2020, JEE Advanced Solved Paper 2020

JEE-MAIN & ADVANCED CHAPTER-WISE SOLVED PAPERS: MATHEMATICS

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 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

Our experts have created Mathematics: 15 Years Solved Papers for JEE Main and Advanced keeping in mind a distinct pattern emerging 2000 onwards and have covered all previous years' questions from 2004. We have chosen solved questions from the year 2004 in order to apprise students of at least two years' of 'subjective type' (numerical value) questions asked in the IIT entrance exam.

- The book "42 Years IIT-JEE Advanced + 18 yrs JEE Main Topic-wise Solved Paper MATHEMATICS" is the first integrated book, which contains topic-wise collection of past JEE Advanced (including 1978-2012 IIT-JEE & 2013-19 JEE Advanced) questions from 1978 to 2019 and past JEE Main (including 2002-2012 AIEEE & 2013-19 JEE Main) questions from 2002 to 2019.
- The book provides 2 Sets of JEE Main 2019 (1 of each of the 2 Phases) & Paper 1 & 2 of JEE ADvanced 2019.
- The book is divided into 22 chapters. The flow of chapters has been aligned as per the NCERT books.
- Each chapter divides the questions into 9 categories (as per the NEW IIT pattern) - Fill in the Blanks, True/False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer and Subjective Questions.
- All the Screening and Mains papers of IIT-JEE have been incorporated in the book.
- Detailed solution of each and every question has been provided for 100% conceptual clarity of the student. Well elaborated detailed solutions with user friendly language provided at the end of each chapter.
- Solutions have been given with enough diagrams, proper reasoning to bring conceptual clarity.
- The students are advised to attempt questions of a topic immediately after they complete a topic in their class/school/home. The book contains around 3380+ MILESTONE PROBLEMS IN Mathematics.

- The book "41 Years IIT-JEE Advanced + 17 yrs JEE Main/ AIEEE Topic-wise Solved Paper MATHEMATICS" is the first integrated book, which contains topic-wise collection of past JEE Advanced (including 1978-2012 IIT-JEE & 2013-18 JEE Advanced) questions from 1978 to 2018 and past JEE Main (including 2002-2012 AIEEE & 2013-18 JEE Main) questions from

2002 to 2018. • The book is divided into 22 chapters. The flow of chapters has been aligned as per the NCERT books. • Each chapter divides the questions into 9 categories (as per the NEW IIT pattern) - Fill in the Blanks, True/False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer and Subjective Questions. • All the Screening and Mains papers of IIT-JEE have been incorporated in the book. • Detailed solution of each and every question has been provided for 100% conceptual clarity of the student. Well elaborated detailed solutions with user friendly language provided at the end of each chapter. • Solutions have been given with enough diagrams, proper reasoning to bring conceptual clarity. • The students are advised to attempt questions of a topic immediately after they complete a topic in their class/school/home. The book contains around 3280+ MILESTONE PROBLEMS IN Mathematics.

This book is designed to aid students in their preparation for JEE (Main). It is a well-planned study guide which shows through examples and challenging questions how to think analytically, and find a way to the “mysteries” of problem solving. The book leads students through a broad spectrum of levels of difficulty with the intention that they will be able to crack their examinations successfully. HIGHLIGHTS The topic-wise concepts of the subject matter have been explained in each chapter for ease of recapitulation by the students. Each chapter contains nearly 180 solved problems, from the routine to the intriguing, to test, reinforce and expand the understanding of the concepts presented. Each chapter contains a large variety of questions to hone the analytical and reasoning skills of students. The book contains three sets of mock test papers and one fully solved sample paper for practice.

[Copyright: 9c1111f0312d75a3d9c9088797800c6d](https://www.pdfdrive.com/9c1111f0312d75a3d9c9088797800c6d)