

## Iit Jee Sample Papers 2013

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.

The book is updated with the newly introduced Matching-cum-Passage based questions as asked in JEE Advanced 2017 Paper 2. TARGET JEE Advanced 2018 (Solved Papers 2006-2017 + 5 Mock Test Papers 1 & 2) helps in TESTING & REVISING all important concepts necessary to crack the JEE Main and JEE Advanced exam. The book consists of the detailed solutions of the past 12 year papers of JEE Advanced -IIT-JEE (2006 to 2012) and JEE Advanced (2013 - 2017) Paper 1 & 2 to ANALYSE (the pattern, level of questions etc.) the exam; • The book includes 5 Mock tests for JEE Advanced, along with detailed solutions, designed on the latest pattern – Paper 1 and Paper 2. The papers contain all the new variety of questions being asked in the new JEE.

• 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.

JEE Advanced 16 Year-wise Solved Papers 1 & 2 (2006 - 2021) is the Most Important Resource for success in JEE Advanced. The book consists of the detailed solutions of the past 16 year papers of JEE Advanced - IIT-JEE (2006 to 2012) and JEE Advanced (2013 - 2021) Papers 1 & 2 to ANALYSE (the pattern, level of questions etc.) the exam; The book also provides the Trend Analysis of last 9 years in all the 3 subjects.

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.

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.

• The book “41 Years IIT-JEE Advanced + 17 yrs JEE Main/ AIEEE Topic-wise Solved Paper CHEMISTRY” is the first integrated book, which contains topic-wise collection of past JEE Advanced (including 1978-2012 IIT-JEE & 2013-18 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 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 3230+ MILESTONE PROBLEMS IN Chemistry.

• The thoroughly Revised & Updated 17th edition of the book “44 Years PHYSICS IIT-JEE Advanced + JEE Main Chapterwise & Topicwise Solved Papers” is an integrated book, which contains Chapterwise & Topicwise collection of past JEE Advanced (including 1978 - 2012 IIT-JEE & 2013 - 21 JEE Advanced) questions from past JEE Main 1978 to 2020 (Offline Papers) and 2013 – 19 (all Online Papers). • The Book is divided into 29 chapters as per NCERT Book. With this new feature this book has become the 1st to adopt NCERT Chapterisation. • Each chapter divides the questions into 2-4 topics which are further divided into 10 categories of questions - Fill in the Blanks, True/ False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer, Numeric 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 4400+ Milestone Problems

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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.

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 from the right kind of solved 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' Solved Papers (2006-2019) IIT JEE (JEE MAIN & ADVANCED)” has facilitated the students who are preparing the for this important entrance examination. It has been consciously revised to help the students by improving their problem solving skills through the questions that are provided in the book. This book provides detailed step-by-step solutions to analytical, theoretical and calculative questions that are being asked in the Physics, Chemistry and Mathematics. It enables the candidates to understand the concept deeply from the very basic level. This book is considered to be best tool for getting success in the upcoming IIT JEE Exam 2020. TABLE OF CONTENT Solved Papers (2006-2019), JEE Main & Advanced 2019, JEE Main & Advanced 2017, JEE Main & Advanced 2016, JEE Main & Advanced 2015, JEE Main & Advanced 2014, JEE Main & Advanced 2013, IIT JEE 2012, IIT JEE 2011, IIT JEE 2010, IIT JEE 2009, IIT JEE 2008, IIT JEE 2007, IIT JEE 2006.

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.

How exactly does learning work? What conditions are most conducive? Are our traditional classroom methods-- lecture, homework, test, repeat-- actually effective? And if not, what techniques are? Sarma takes readers from fundamental neuroscience to cognitive psychology and beyond, to consider the future of learning. He examines the role curiosity plays in promoting a state that brain researchers call "readiness to learn"--and its dark twin, "unreadiness to learn". He presents a vision for learning that's more inclusive and democratic-- revealing a world bursting with powerful learners, just waiting for the chance they deserve. -- adapted from jacket

• The thoroughly Revised & Updated 17th edition of the book “44 Years MATHEMATICS IIT-JEE Advanced + JEE Main Chapterwise & Topicwise Solved Papers” is an integrated book, which contains Chapterwise & Topicwise collection of past JEE Advanced (including 1978 - 2012 IIT-JEE & 2013 - 21 JEE Advanced) questions from past JEE Main 1978 to 2020 (Offline Papers) and 2013 – 21 (all Online Papers). • The Book is divided into 28 chapters as per NCERT Book. With this new feature this book has become the 1st to adopt NCERT Chapterisation. • Each chapter divides the questions into 2-4 topics which are further divided into 10 categories of questions - Fill in the Blanks, True/ False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer, Numeric 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 4400+ Milestone Problems in Mathematics.

Comprehensive collection of IIT JEE Physics papers since 1978. Useful for practice and revision. The book also describes examination format for each year. The paper format and question format are also described. Each question starts on a new page to create examination like environment. The marking scheme is also given (wherever possible). The answers are given at the end of each paper. Hyperlinks are given for quick navigation. The book contains authentic and "close to the original" question papers. JEE (Advanced) Paper, Screening Paper and Main Papers of all the years are included. Details of included papers are: IIT JEE 2018 (Advanced) Paper 1 and Paper 2 IIT JEE 2017 (Advanced) Paper 1 and Paper 2 IIT JEE 2016 (Advanced) Paper 1 and Paper 2 IIT JEE 2015 (Advanced) Paper 1 and Paper 2 IIT JEE 2014 (Advanced) Paper 1 and Paper 2 IIT JEE 2013 (Advanced) Paper 1 and Paper 2 IIT JEE 2012 Paper 1 and Paper 2, IIT JEE 2011 Paper 1 and Paper 2, IIT JEE 2010 Paper 1 and Paper 2, IIT JEE 2009 Paper 1 and Paper 2, IIT JEE 2008 Paper 1 and Paper 2, IIT JEE 2007 Paper 1 and Paper 2, IIT JEE 2006 Paper, IIT JEE 2005 Screening Paper and Main Paper IIT JEE 2004 Screening Paper and Main Paper, IIT JEE 2003 Screening Paper and Main Paper, IIT JEE 2002 Screening Paper and Main Paper, IIT JEE 2001 Screening Paper and Main Paper, IIT JEE 2000 Screening Paper and Main Paper, IIT JEE 1999 Paper, IIT JEE 1998 Paper, IIT JEE 1997 Paper, IIT JEE 1997 Paper (Cancelled), IIT JEE 1996 Paper, IIT JEE 1995 Screening Paper and Main Paper, IIT JEE 1994 Paper, IIT JEE 1993 Paper, IIT JEE 1992 Paper, IIT JEE 1991 Paper, IIT JEE 1990 Paper, IIT JEE 1989 Paper, IIT JEE 1988 Paper, IIT JEE 1987 Paper, IIT JEE 1986 Paper, IIT JEE 1985 Paper, IIT JEE 1984 Paper, IIT JEE 1983 Paper, IIT JEE 1982 Paper, IIT JEE 1981 Paper, IIT JEE 1980 Paper, IIT JEE 1979 Paper, IIT JEE 1978 Paper

JEE Advanced 14 Year-wise Solved Papers 1 & 2 (2019 - 2006) is the Most Important Resource for success in JEE Advanced. The book consists of the detailed solutions of the past 14 year papers of JEE Advanced - IIT-JEE (2006 to 2012) and JEE Advanced (2013 - 2019) Papers 1 & 2 to ANALYSE (the pattern, level of questions etc.) the exam; The book also provides the Trend Analysis of last 7 years in all the 3 subjects.

TARGET JEE Advanced 2020 (Solved Papers 20013 - 2019 + 5 Mock Test Papers 1 & 2) helps in TESTING & REVISING all important concepts necessary to crack the JEE



Advanced exam. The book consists of the detailed solutions of the past 7 year papers of JEE Advanced (2013 - 2018) Paper 1 & 2 to ANALYSE (the pattern, level of questions etc.) the exam; • The book also provides 5 Mock tests for JEE Advanced, along with detailed solutions, designed on the latest pattern – Paper 1 and Paper 2. The papers contain all the new variety of questions being asked in the new JEE. The book also provides A Question Bank of Passage Cum Matching Questions as per the latest pattern of 2018 & 2019.

Whenever a student decides to prepare for any examination, her/his first and foremost curiosity arises about the type of questions that he/she has to face. This becomes more important in the context of JEE Advanced where there is neck-to-neck race. For this purpose, we feel great pleasure to present this book before you. We have made an attempt to provide 44 Years IIT-JEE Mathematics chapter wise questions asked in IIT-JEE /JEE Advanced from 1978 to 2021 along with their solutions. Features Topic-wise collection of past JEE-Advanced question papers (1978-2021). Each chapter divides the questions into categories (as per the latest JEE Advanced pattern) - MCQ single correct answer, MCQ with multiple correct answers, Passage Based, Assertion-Reason, Integer Answer, Fill in the Blanks, True/False and Subjective Questions. Solutions have been given with enough diagrams, proper reasoning for better understanding. Students must attempt these questions immediately after they complete unit in their class/school/home during their preparation. Chapters : 44 Years IIT-JEE Mathematics Solved Papers (1978-2021) 1. Logarithm and their Properties 2. Theory of Equations 3. Sequences & Series 4. Complex Numbers 5. Permutation & Combination 6. Binomial Theorem 7. Probability 8. Determinants 9. Matrices 10. Functions 11. Limits 12. Continuity & Differentiability 13.

Differentiation 14. Tangent & Normal 15. Monotonicity 16. Maxima & Minima 17. Indefinite Integration 18. Definite Integration 19. Area under the curve 20. Differential Equation 21. Point & Straight Lines 22. Circle 23. Parabola 24. Ellipse 25. Hyperbola 26. Vectors 27. Three Dimensional Geometry 28. Trigonometric ratio & Identities 29. Trigonometric Equations 30. Inverse Trigonometric Functions 31. Properties of Triangles 32. Height & Distance 33. Mathematical Induction 34. Miscellaneous 35. Model Test Papers

This inclusive cross-cultural study rethinks the nexus between engineering education and context. In so doing the book offers a reflection on contextual boundaries with an overall boundary crossing ambition and juxtaposes important cases of critical participation within engineering education with sophisticated scholarly reflection on both opportunities and discontents. Whether and in what way engineering education is or ought to be contextualized or de-contextualized is an object of heated debate among engineering educators. The uniqueness of this study is that this debate is given comprehensive coverage – presenting both instrumentally inclined as well as radical positions on transforming engineering education. In contextualizing engineering education, this book offers diverse commentary from a range of disciplinary, meta- and interdisciplinary perspectives on how cultural, professional, institutional and educational systems contexts shape histories, structural dynamics, ideologies and challenges as well as new pathways in engineering education. Topics addressed include examining engineering education in countries ranging from India to America, to racial and gender equity in engineering education and incorporating social awareness into the area. Using context as “bridge” this book confronts engineering education head on. Contending engineering ideologies and corresponding views on context are juxtaposed with contending discourses of reform. The uniqueness of the book is that it brings together scholars from the humanities, the social sciences and engineering from Europe – both East and West – with the United States, China, Brazil, India and Australia.

Full and comprehensive coverage of all topics. Key Facts have been given at the beginning of each chapter to facilitate thorough revision and recall. Contains a large number of Solved Examples and Practice Questions. Answers, Hints and Solutions have been provided to boost up the morale and increase confidence level. Self Assessment Sheets have been given at the end of each chapter to help the students assess and evaluate their understanding of the concepts.

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

• The thoroughly Revised & Updated 17th edition of the book “44 Years CHEMISTRY IIT-JEE Advanced + JEE Main Chapterwise & Topicwise Solved Papers” is an integrated book, which contains Chapterwise & Topicwise collection of past JEE Advanced (including 1978 - 2012 IIT-JEE & 2013 - 21 JEE Advanced) questions from past JEE Main 1978

to 2020 (Offline Papers) and 2013 – 19 (all Online Papers). • The Book is divided into 31 chapters as per NCERT Book. With this new feature this book has become the 1st to adopt NCERT Chapterisation. • Each chapter divides the questions into 2-4 topics which are further divided into 10 categories of questions - Fill in the Blanks, True/ False, MCQ 1 correct, MCQ more than 1 correct, Passage Based, Assertion-Reason, Multiple Matching, Integer Answer, Numeric 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 4400+ Milestone Problems in Chemistry.

PHYSICS PART-1 for IIT JEE MAIN - Question Bank Based on Previous Papers

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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

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1. 43 Years' Chapterwise and Topicwise Solved papers for JEE Main & Advanced 2. The book is divided into 33 Chapters 3. Ample Questions are given [2021-1979] for practice 4. JEE Advanced Solved Papers 2021 are provided to know the paper pattern Cracking one of the toughest examinations requires great deal of determination and efforts from the students that can only be achieve from the previous year's solved papers, that provide complete idea of types of questions asked and pattern of paper. Prepared under the observation of the subject expert, the updated edition of 43 years' Chapterwise Topicwise Solved Papers [2021 -1979] of Physics is a one stop solution for the preparation of IIT JEE Mains and Advanced. Giving complete coverage to the syllabus, this book has been categorized under 33 chapters that are supplemented with good number of questions of both JEE Mains and Advanced in Chapterwise and Topicwise manner. For further practice 'Previous Years' Solved Papers and Selected Questions of JEE advanced 2021' are given at the end of the book to help aspirants for the forthcoming exam. Table of Content General Physics, Kinematics, Laws of Motion, Work, Power and Energy, Centre of Mass, Rotation, Gravitation, Simple Harmonic Motion, Properties of Matter, Wave Motion, Heat and Thermodynamics, Optics, Current Electricity, Electrostatics, Magnetics, Electromagnetic Induction and Alternating Current, Modern Physics, JEE Advanced Solved Paper 2021.

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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](mailto:ebooks.support@aiets.co.in). • The book “40 Years IIT-JEE Advanced + 16 yrs JEE Main/ AIEEE Topic-wise Solved Paper PHYSICS 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 17 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 PHYSICS. 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.

Whenever a student decides to prepare for any examination, her/his first and foremost curiosity arises about the type of questions that he/she has to face. This becomes more important in the context of JEE Advanced where there is neck-to-neck race. For this purpose, we feel great pleasure to present this book before you. We have made an attempt to provide 44 Years IIT-JEE Physics chapter wise questions asked in IIT-JEE /JEE Advanced from 1978 to 2021 along with their solutions. Features Topic-wise collection of past JEE-Advanced question papers (1978-2021). Each chapter divides the questions into categories (as per the latest JEE Advanced pattern) - MCQ single correct answer, MCQ with multiple correct answers, Passage Based, Assertion-Reason, Integer Answer, Fill in the Blanks, True/False and Subjective Questions. Solutions have been given with enough diagrams, proper reasoning for better understanding. Students must attempt these questions immediately after they complete unit in their class/school/home during their preparation. Chapters - 44 Years IIT-JEE Physics Solved Papers (1978-2021) 1. Unit, Dimension & Error 2. Kinematics 3. Laws of Motion & Friction 4. Work, Power and Energy 5. Conservation Law 6. Rotational Motion 7. Gravitation 8. Simple Harmonic Motion 9. Properties of Matter & Fluid Mechanics 10. Wave Motion 11. Heat and Thermodynamics 12. Electrostatics 13. Current Electricity 14. Magnetic Effect of Current 15. Electromagnetic Induction and Alternating Current 16. Optics 17. Modern Physics 18. Model Test Papers

• 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.

One of the most apprehended exams of the country list is dominated by an entrance exam for engineering, IIT JEE. The Indian Institute of Technology Joint Entrance Exam (IIT JEE) offers a seat in one of the 23 prestigious IITs present across the nation. A successful qualification and good rank in IIT JEE also helps one to secure a seat in prominent institutions like NITs and IIITs. IIT JEE is segregated into two different levels – JEE Mains and JEE Advanced. The online portal of EduGorilla provides you with mock tests and online test series for both the levels of IIT JEE. Here, you can find a multitude of IIT JEE mock test to analyze the current level of preparation and improve upon the same.

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