

What To Know About JEE Mains 2020?

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Are you preparing for the JEE Mains 2020? Then you are at the right place. In this post we are going to discuss some really important information regarding the jee main 2020. As you already know, JEE or [Joint Entrance Examination Main](#) is the national level UG entrance examination conducted every year. Candidates who clear their JEE Mains are provided with admission to different engineering and architecture study courses in NITs, IITs, CFTIs and several other institutions.

JEE is a difficult exam to crack and you need to prepare yourself properly in order to score good marks, or else it becomes difficult to enter one of the top institutions. Every candidate needs to have the proper knowledge and right understanding of their subjects and topics in order to answer the questions and score well. Candidates who have already appeared in the January session of the exam can apply for JEE Main 2020 once again if they wish to improve their overall marks. All the candidates who did not sit for the January session of the exam can also apply for JEE Main 2020 April. JEE Mains latest notification has already been released by National Testing Agency (NTA) and the JEE Main exam for 2020 is going to take place from April 5, 7 to 9, and 11 of this year. For those inspirants who are going to appear for the Vedantu JEE Mains 2020, here are the vital details.

JEE Mains 2020 Examination Dates

Here is the list of all the important dates for the JEE Mains examination 2020:

JEE Mains 2020 Events

JEE Main 2020 registrations
Last date to pay JEE Main 2020 application fee
JEE Main 2020 window of application correction
JEE Main 2020 admit card availability
JEE Main 2020 BE/BTech, BArch and BPlan
Declaration of JEE Main 2020 result

JEE Mains 2020 Dates

February 7, 2020
March 7, 2020
March 8, 2020
March 20, 2020
April 5, 2020 and April 7, 2020 to April 9, 2020 and April 11, 2020
April 30, 2020

These are the dates that you should keep in mind if you are planning to appear for the JEE Mains 2020 Examination this year.

JEE Main 2020 Examination Syllabus

The JEE Mains 2020 consists of three important subjects - Mathematics, Chemistry and Physics and you can grab all latest versions of the syllabus for [JEE Main 2020 by Vedantu](#). The syllabus of all the three major subjects are extensive and you need to regularly study them if you want to get a good scorecard. Here is the syllabus for all the three subjects.

Mathematics

- Sets, relations and functions
- Complex number and quadratic equations
- Matrices and determinants
- Permutations and combinations
- Mathematical induction
- Binomial theorem and its simple applications
- Sequences and series
- Limit, continuity and differentiability
- Integrals calculus
- Differential equations
- Co-ordinate geometry
- Three-dimensional geometry
- Vector algebra
- Statistics and probability
- Trigonometry
- Mathematical reasoning

Chemistry

- Some basic concepts in chemistry
- States of matter
- Atomic structure

- Chemical bonding and molecular structure
- Chemical thermodynamics
- Solutions
- Equilibrium
- Redox reactions and electrochemistry
- Chemical kinetics
- Surface chemistry
- Classification of elements and periodicity in properties
- General principles and process of Isolation of metals
- Hydrogen
- S - block elements - alkali and alkaline earth metals
- P - block elements
- P - block elements - group 13 elements
- P - block elements - group 14 elements
- P - block elements - group 15 elements
- P - block elements - group 16 elements
- P - block elements - group 17 elements
- P - block elements - group 18 elements
- D and F - block elements
- Co-ordinations compound
- Environmental chemistry
- Purification and characteristics of organic compounds
- Some basic principles of organic chemistry
- Hydrocarbons
- Organic compounds containing halogens
- Organic compounds containing oxygen
- Organic compounds containing nitrogen
- Polymers
- Biomolecules
- Chemistry in everyday life
- Principles related to practical chemistry

Physics

- Physics and measurements
- Kinematics
- Laws of motion
- Work, energy and power
- Rotational motion
- Gravitation
- Properties of solids and liquids
- Thermodynamics

- Kinetics theory of gases
- Oscillations and waves
- Electrostatics
- Current electricity
- Magnetic effects of current and magnetism
- Electromagnetic induction and alternating currents
- Optics
- Dual nature of matter and radiation
- Atoms and nuclei
- Electronic devices
- Communications system
- Experimental skills

Here is a complete list of all the topics and chapters that are present in the syllabus for the three main subjects of JEE Mains 2020. You need to make sure that you are well versed and knowledgeable about all the topics mentioned.

Check out the details that we have discussed in this post and start your preparations for the JEE Mains 2020 Examination thoroughly.

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