



SimplyLearnt



For

Engineering 2018



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About Simplylearnt

Simplylearnt.com is running for 7 years and is well famous for providing Medical and Engineering entrance's online preparation in an exciting manner.

We provide complete guidance to our students through 9-milestone study plan, in which we prepare a timetable for students through this schedule you can manage your timing between the entrance and school preparation.

We put all efforts on making boring studies exciting and every student who did preparation on simplylearnt didn't get bored in doing preparation. We give the guarantee of solving student's query in 1 working Day.

About RAT

RAT is a Rank Assessment Test in which Medical or Engineering aspirants can find out their estimated All India Rank before the actual examination. So that you can able to find out your level of examination and get motivated for doing best in the upcoming time period.

Simplylearnt announces this exam in November of every year from the past couple of years for all those Medical and Engineering aspirants who are aiming for giving exam in next two years.

Every year lakhs of students applies for this exam and get their estimated All India Rank.

Eligibility for RAT

Students aiming for any medical or engineering entrance exam in coming two years i.e. 2017 and 2018 are eligible to attempt for RAT 2016. We are supporting following exams:

For medical:

1. National Eligibility-cum-Entrance Test undergraduates (NEET UG),
2. All India Institute of Medical Sciences (AIIMS),
3. Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER)

For engineering:

1. Joint entrance examination (JEE mains)
2. Joint entrance examination (JEE advance),



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3. Birla Institute of Technology and Science Admission Test (BITSAT),
4. Vellore Institute of Technology Engineering Entrance Exam (VITEEE),
5. Maharashtra Common Entrance Test (MH-CET)

Benefits for attempting Exam

- Attempting RAT will boost your confidence level
- It will help you in knowing your weaker and strong sections simultaneously
- Increasing questions attempting speed
- Your estimated all India rank
- Knowing exact exam pattern and marking criteria in advance

Syllabus and Pattern for RAT

1. Joint entrance examination (JEE mains)

Subjects	Number of Questions	Syllabus
Physics	20	<ol style="list-style-type: none">1. Kinematics2. Laws of motion3. Gravitation4. Work Power Energy5. Oscillations and Waves6. Thermodynamics7. Rotational Motion8. Properties Of Solids And Liquids
Chemistry	20	<ol style="list-style-type: none">1. s-block Elements2. Some Basic Principles Of Organic Chemistry3. Some Basic Concepts In Chemistry4. Atomic Structure5. Hydrocarbon6. Equilibrium7. Chemical Bonding And Molecular Structure8. Chemical Thermodynamics9. Classification Of Elements And Periodicity In Properties
Mathematics	20	<ol style="list-style-type: none">1. Sets--Relations-and-Functions-8



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		<ol style="list-style-type: none">2. Quadratic Equations3. Straight Lines4. Circles5. Probability6. Sequence And Series7. Trigonometry8. Statistics
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2. Joint entrance examination (JEE advance)

Subjects	Number of Questions	Syllabus
Physics	20	<ol style="list-style-type: none">1. Kinematics2. Laws of motion3. Gravitation4. Work Energy Power5. Oscillation and Waves6. Thermodynamics7. Rotational Motion8. Physics And Measurement
Chemistry	20	<ol style="list-style-type: none">1. States of Matter2. Solutions3. Some basic concepts in Chemistry4. Atomic Structure5. Redox reactions and Electrochemistry6. Equilibrium7. Chemical Bonding and Molecular structure8. Some Basic Principles Of Organic Chemistry9. Classification Of Elements And Periodicity In Properties
Mathematics	20	<ol style="list-style-type: none">1. Relations and Functions2. Permutation and Combination3. Quadratic of Equations4. Straight Lines5. Circles6. Probability7. Sequence And Series



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		8. Trigonometry 9. Three Dimensional Geometry
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3. Birla Institute of Technology and Science Admission Test (BITSAT)

Subjects	Number of Questions	Syllabus
Physics	17	1. Kinematics 2. Laws of motion 3. Gravitation 4. Work Power Energy 5. Oscillations 6. Heat and Thermodynamics 7. Mechanics Of Solids And Fluids 8. Impulse And Momentum
Chemistry	15	1. States of Matter 2. Solutions 3. Some Basic Concepts Of Chemistry 4. Atomic Structure 5. Redox reactions 6. Equilibrium 7. Chemical Bonding And Molecular Structure 8. General Organic Chemistry 9. Periodic Classification
Mathematics	15	1. Sets--Relations-and-Functions-8 2. Permutation and Combination 3. Theory of Quadratic equations 4. Straight Lines 5. Circles 6. Probability 7. Sequence And Series 8. Trigonometry 9. Complex Number
English	10	1. Synonyms and Antonyms 2. Grammar 3. Reading Comprehension



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		4. One Word Substitution 5. Composition
Logical	5	1. Analogy Test 2. Classification test 3. Series Completion 4. Rule Detection 5. Paper Cutting

4. Vellore Institute of Technology Engineering Entrance Exam (VITEEE)

Subjects	Number of Questions	Syllabus
Physics	20	1. Properties Of Matter 2. Work, Energy And Power 3. Alternating Current and Alternating Current 4. Atomic And Nuclear Physics 5. Dual Nature Of Radiation And Matter 6. Semiconductor Devices And Their Applications 7. Current Electricity 8. Optics
Chemistry	20	1. Solid State 2. Electrochemistry 3. Equilibrium 4. Atomic Structure 5. Redox reactions 6. Nuclear Chemistry 7. General Organic Chemistry
Mathematics	20	1. Analytical Geometry Of Three Dimensions 2. Complex numbers 3. Differential Calculus 4. Limits & Continuity 5. Probability Distribution 6. Matrices & Determinants 7. Inverse Trigonometry 8. Trigonometry



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5. Maharashtra Common Entrance Test (MH-CET)

Subjects	Number of Questions	Syllabus
Physics	20	<ol style="list-style-type: none">1. Stationary Waves2. Surface Tension3. Oscillation4. Gravitation5. Atoms, Molecules And Nuclei6. Kinetic Theory Of Gases And Radiation7. Rotational Motion8. Circular Motion9. Elasticity
Chemistry	20	<ol style="list-style-type: none">1. Solid State2. Electrochemistry3. Solutions And Colligative Properties4. p-Block Elements - Group 15 To 185. d And f Block Elements6. biomolecules7. General Principles And Processes Of Isolation Of Elements8. Chemistry in Everyday Life
Mathematics	20	<ol style="list-style-type: none">1. Circles2. Matrices3. Probability Distribution4. Applications of Derivatives5. Continuity6. Differential Equations7. Applications of Definite Integrals8. Statistics

Marking Criteria for RAT

Exams	Marks per correct answer	Marks per incorrect answer
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JEE Mains	+4 marks	-1 marks
JEE Advance	+3 marks	-1 marks
BITSAT	+3 marks	-1 marks
VITEEE Engineering	+1 marks	No negative Marking
MHCET Engineering	+1 marks	No negative Marking

Dates of Examination

RAT 2016 is going to be scheduled in between 25th November to 27th November 2016

How to apply for RAT?

Students who wish to get their estimated All India rank through Rank Assessment Test can give their exam by following given steps:

Step 1 : Do registration for Rank Assessment Test using your email id and fill up the required details

Step 2 : Pay the amount for an exam. You can select more than one exam at a time for giving Rank Assessment Test.

Step 3 : Give test by doing login on website at any time between "25th November 9 am" to "27th November 11:59 pm"

Once you submit your test, you won't be able to do any edit in your answers.

Fees for RAT

Students who want to apply for RAT 2016 exam, needs to pay Rs.200/- per exam through online using any bank's Debit card/ Credit card/ Net banking/ NEFT/ through cash transaction by visiting any branch of ICICI Bank.

*Simplylearnt is offering FREE tickets for RAT to our students through various contests. Do registration for Prep Quest for further details.

Results Declaration for RAT

Simplylearnt announces ranks for appearing students on 29th November 2016 and will declare prices accordingly.



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