



RAHEIN EDUCATION PVT. LTD.

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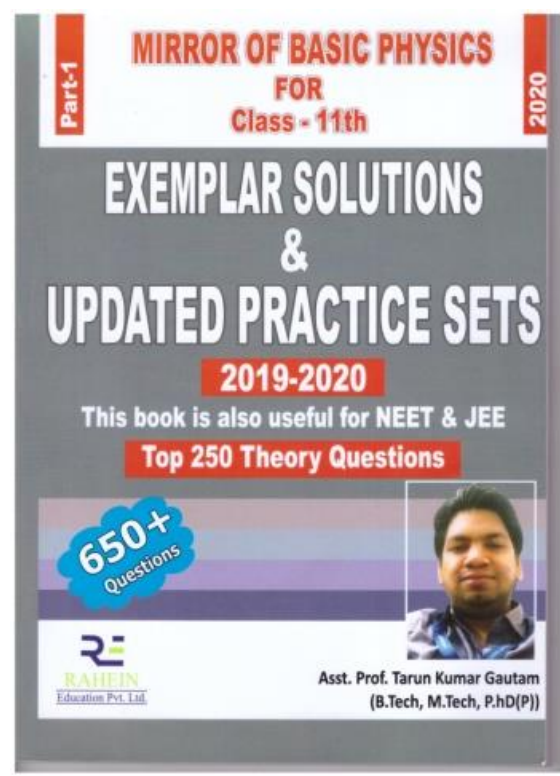
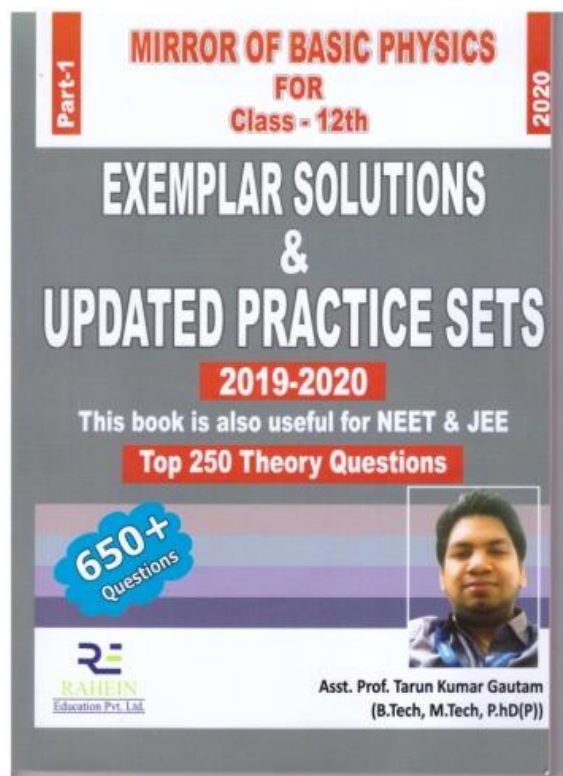
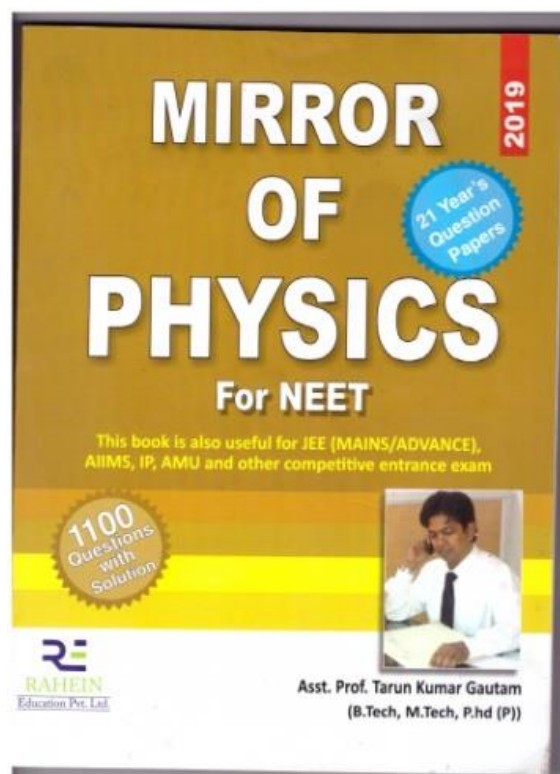
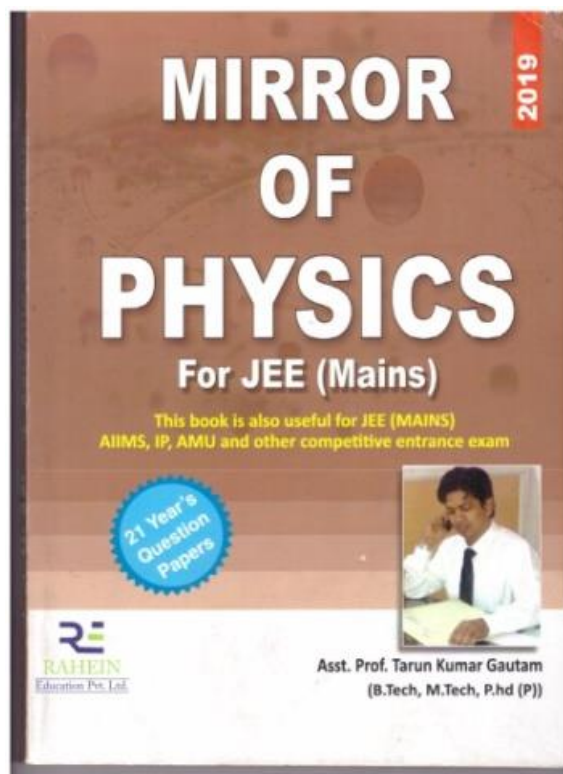
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(A COMPLETE SOLUTION OF EDUCATION)



RAHEIN EDUCATION
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PHYSICS



MOVE TO

INNOVATIVE ASSESMENT SYSTEM FOR JEE/ NEET PREPARATION OF PHYSICS

Under the Guidance of Asst. Prof. Tarun Kumar Gautam (B.Tech, M.Tech, Ph.D. (P))

Ex Faculty of RMIT, Bareilly, KEC Gaziabad, Faculty in Jamia Hamdard, Author of 6 Books

ENGLISH MEDIUM

ALL INDIA NEET/JEE SPECIAL TEST SERIES FOR PHYSICS

INDIA'S LONGEST TEST SERIES FOR PHYSICS

95 TESTS: CHAPTER WISE AND TOPIC WISE TEST

Program objective:

This is comprehensive and intensive program focusing on sincere NEET/JEE aspirants. Our experts provides step to step guidance to aspirants for understanding the concepts of physics and preparing them for scoring good marks.

Approach and Strategy:

Our simple practical and focused approach will help aspirants understand the demand of NEET/JEE exam effectively. Our strategy is to constantly innovate to keep the preparation process dynamic and give personalized attention to individual aspirants based on factors like- core competence, availability of time and resource and the requirements of NEET/JEE Exam

No of Mock Test: 95 TESTS: CHAPTER WISE AND TOPIC WISE TEST

Fee: 1000 RS

Nature: Students can attempt the test unlimited



Physical World, Units and Measurement

S.NO.	
Test 1	Dimensions of Physical Quantities – 1
Test 2	Dimensions of Physical Quantities – 2
Test 3	Errors in Measurement
Test 4	Unit of Physical Quantities
	Motion in a Straight Line
Test 5	Distance, Displacement & Uniform motion
Test 5	Non – uniform motion
Test 6	Relative Velocity
Test 7	Motion Under Gravity
	Motion in a Plane
Test 8	Vectors
Test 9	Motion in a Plane with Constant acceleration
Test 10	Projectile Motion
Test 11	Relative Velocity in Two Dimensions & Uniform Circular Motion
	Laws of Motion
Test12	Ist,11nd&IIIrd Laws of Motion
Test13	Motion of connected motion
Test14	Friction
Test15	Circular Motion and Banking of Road
	System of Particles and Rotational Motion
Test 16	Centre of Mass, Centre of Gravity & Principle of Moments
Test 17	Angular Displacement, Velocity and Acceleration
Test 18	Torque, Couple and Angular Momentum
Test 19	Moment of Inertia, Rotational K.E. and Power
Test 20	Rolling Motion
	Mechanical Properties of Solids
Test 21	Hooke's Law & Young's Modulus of Elasticity
Test 22	Bulk and Rigidity Modulus & Work Done in Stretching a Wire
	Work, Energy and Power
Test 23	Work
Test 24	Energy
Test 25	Power
Test 26	Collisions
	Gravitation
Test 27	Kepler's Laws of Planetary Motion
Test 28	Newton's Universal Law of Gravitation
Test 29	Acceleration due to Gravity
Test 30	Gravitational Field, Potential and Energy



Test 31	Motion of Satellites, Escape Speed and Orbital Velocity
	Thermal Properties of Matter
Test 32	Thermometry, Thermocouple & Thermal Expansion
Test 33	Calorimetry & Heat Transfer
Test 34	Newton's Law of Cooling
Test 35	Kinetic Theory of an Ideal Gas & Gas Laws
Test 36	Speeds of Gas, Pressure & Kinetic Energy
Test 37	Degree of Freedom, Specific Heat Capacity & Mean Free Path
	Mechanical Properties of Fluids
Test 38	Pressure, Density Pascal's Law & Archimedes Principle
Test 39	Fluid Flow, Reynold's Number & Bernoulli's Principle
Test 40	Viscosity & Terminal Velocity
Test 41	Surface Tension, Surface Energy & Capillarity
	Oscillations
Test 42	Displacement, Phase, Velocity & Acceleration of SHM
Test 43	Energy in Simple Harmonic Motion
Test 44	Time Period, Frequency, Simple Pendulum & Spring Pendulum
Test 45	Damped SHM, Forced Oscillations & Resonance
	Waves
Test 46	Basic of Mechanical Waves, Progressive & Stationary Waves
Test 47	Vibration of String & Organ Pipe
Test 48	Beats, Interference & Superposition of Waves
Test 49	Musical Sound & Doppler's Effect
	Electric Charges and Fields
Test 50	Charges & Coulomb's Law
Test 51	Electric Field, Electric Field Lines & Dipole
Test 52	Electric Flux & Gauss's Law
	Electrostatic Potential and Capacitance
Test 53	Electrostatic Potential & Equipotential Surfaces
Test 54	Electric Potential Energy & Work Done in Carrying a Charge
Test 55	Capacitors, Capacitance, Grouping of Capacitors & Energy Stored in a Capacitor
	Current Electricity
Test 56	Electric Current, Drift of Electrons, Ohm's Law, Resistance & Resistivity
Test 57	Combination of Resistances
Test 58	Kirchhoff's Laws, Cells, Thermo emf & Electrolysis
Test 59	Heating Effects of Current
Test 60	Wheatstone Bridge & Different Measuring Instruments



Moving Charges and Magnetism	
Test 61	Motion of Charged Particle in Magnetic Field & Moment
Test 62	Magnetic Field, Biot – Savart’s Law & Ampere’s Circuital Law
Test 63	Force & Torque on a Current Carrying Conductor
Test 64	Galvanometer and Its Conversion into Ammeter & Voltmeter
Magnetism and Matter	
Test 65	Magnetism, Gauss’s Law, Magnetic Moment & Properties of Magnet
Test 66	The Earth’s Magnetism, Magnetic Materials and their Properties
Test 67	Magnetic Equipments
Electromagnetic Induction	
Test 68	Magnetic Flux, Faraday’s & Lenz’s Law
Test 69	Motional and Static EMI & Applications of EMI
Alternating Current	
Test 70	Alternating Current, Voltage & Power
Test 71	A.C. Circuit, LCR Circuit, Quality & Power Factor
Test 72	Transformers & LC Oscillations
Electromagnetic Waves	
Test 73	Electromagnetic Waves, Conduction & Displacement Current
Test 74	Electromagnetic Spectrum
Ray Optics and Optical Instruments	
Test 75	Plane Mirror, Spherical Mirror & Reflection of Light
Test 76	Refraction of Light at Plane Surface & Total Internal Reflection
Test 77	Refraction at Curved Surface, Lenses & Power of Lens
Test 78	Prism & Dispersion of Light
Test 79	Optical Instruments
Wave Optics	
Test 80	Wavefront, Interference of Light, Coherent & Incoherent Sources
Test 81	Young’s Double Slit Experiment
Test 82	Diffraction, Polarization of Light & Resolving Power
Dual Nature of Radiation and Matter	
Test 83	Matter Waves, Cathode & Positive Rays
Test 84	Electron Emission, Photon Photoelectric Effect & X – ray
Atoms	
Test 85	Atomic Structure, Rutherford’s Nuclear Model of Atom
Test 86	Bohr Model & The Spectra of the Hydrogen Atom
Nuclei	
Test 87	Composition and Size of the Nucleus
Test 88	Mass – Energy & Nuclear Reactions
Test 89	Radioactivity



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PHYSICS

Semiconductor Electronics: Materials, Devices and Simple Circuits

Test 90	Solids, Semiconductors and P – N Junction Diode
Test 91	Junction Transistor
Test 92	Digital Electronics and Logic Gates
	Thermodynamics
Test 93	First Law of Thermodynamics
Test 94	Specific Heat Capacity and Thermodynamically Process
Test 95	Carnot Engine, Refrigerators and Second Law of Thermodynamics

Contact: [www.raheineducation.com/9205010851 /9711833446](http://www.raheineducation.com/9205010851/9711833446)

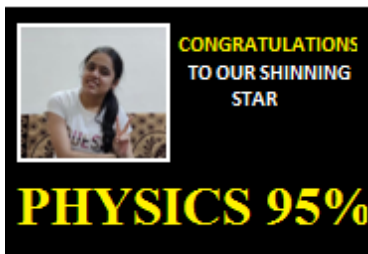
Email: tarunkumar.csengg@gmail.com



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PHYSICS

CBSE RESULT 2020



Special Physics for NEET/JEE

Timing: 8:30a.m. to 10:30a.m. [Monday to Friday]

Saturday: Test

Fees: Rs. 25,000 and Online Test Series Rs. 1,000

Place: Rahein Education Pvt. Ltd.

Contact us: 9205010851, 9711833446

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