

PHYSICS		
TOPICS	SUBTOPICS	Status of Uploading
Electrostatics	Charge and its Properties	UPLOADED
Electrostatics	Coulomb's Law	UPLOADED
Electrostatics	Electric Dipole	UPLOADED
Electrostatics	Electric Field 1	UPLOADED
Electrostatics	Electric Field 2	UPLOADED
Electrostatics	Electric Field and Potential	UPLOADED
Electrostatics	Electric Flux and Gauss Law	UPLOADED
Electrostatics	Gauss Law and its Application	UPLOADED
Electrostatics	Potential and Potential Energy	UPLOADED
Electrostatics	Potential Energy	UPLOADED
Electrostatics	Properties of Conductor	UPLOADED
Current Electricity	Ohm's Law	UPLOADED
Current Electricity	Kirchhoff's current & voltage law	UPLOADED
Current Electricity	Combination of Resistors	UPLOADED
Current Electricity	Combination of cells	UPLOADED
Current Electricity	Ammeter, voltmeter & meter-bridge	UPLOADED
Current Electricity	Potentiometer & post-office Box	UPLOADED
Mathematical Tools, Units & Dimensions	Differentiation	UPLOADED
Mathematical Tools, Units & Dimensions	Differentiation Rules	UPLOADED
Mathematical Tools, Units & Dimensions	Functions & Trigonometry	UPLOADED
Mathematical Tools, Units & Dimensions	Integration	UPLOADED
Mathematical Tools, Units & Dimensions	Units and Dimensions	UPLOADED
Mathematical Tools, Units & Dimensions	Vectors 1	UPLOADED
Mathematical Tools, Units & Dimensions	Vectors 2	UPLOADED
Waves	Sound Waves - Introduction	25TH JUNE
Waves	Interference & reflection of sound waves	25TH JUNE
Waves	Doppler's Effect	25TH JUNE
Waves	Waves & its types	25TH JUNE
Waves	Linear wave equation	25TH JUNE
Waves	Energy calculation in waves	25TH JUNE

Waves	Principle of Superposition & interference	25TH JUNE
Waves	Reflection & transmission in waves	25TH JUNE
Waves	Standing Waves	25TH JUNE
Waves	Sonometer	25TH JUNE
Geometrical & Wave Optics	Reflection of Light	UPLOADED
Geometrical & Wave Optics	Lens	UPLOADED
Geometrical & Wave Optics	Aberration & Achromatism	UPLOADED
Geometrical & Wave Optics	Plane mirror	UPLOADED
Geometrical & Wave Optics	Spherical mirrors	UPLOADED
Geometrical & Wave Optics	Magnification and its types	UPLOADED
Geometrical & Wave Optics	Refraction of Light	UPLOADED
Geometrical & Wave Optics	Total Internal Reflection (TIR)	UPLOADED
Geometrical & Wave Optics	Refraction of Light in a prism	UPLOADED
Geometrical & Wave Optics	Dispersion of Light	UPLOADED
Geometrical & Wave Optics	Refraction from Spherical surface	UPLOADED
Geometrical & Wave Optics	Human Eye	UPLOADED
Geometrical & Wave Optics	Microscope & Telescope	UPLOADED
Geometrical & Wave Optics	Introduction to wave optics	UPLOADED
Geometrical & Wave Optics	Young's Double slit Experiment	UPLOADED
Geometrical & Wave Optics	Huygen's Principle	UPLOADED
Geometrical & Wave Optics	Diffraction & its types	UPLOADED
Geometrical & Wave Optics	Polarization and its application	UPLOADED
Modern Physics	Introduction of Communication system	25TH JUNE
Modern Physics	Amplitude Modulation	25TH JUNE
Modern Physics	Frequency modulation & Demodulation	25TH JUNE
Modern Physics	Modern Communication systems	25TH JUNE
Modern Physics	Photoelectric Effect	25TH JUNE
Modern Physics	Planck's Constant Theory	25TH JUNE
Modern Physics	de-Broglie Wavelength	25TH JUNE
Modern Physics	Atomic Structure	25TH JUNE
Modern Physics	Hydrogen emission spectrum & its series	25TH JUNE

Modern Physics	X-rays and its properties	25TH JUNE
Modern Physics	Basics of Radioactivity	25TH JUNE
Modern Physics	Application of Radioactivity	25TH JUNE
Modern Physics	Introduction of semiconductors	25TH JUNE
Modern Physics	Intrinsic Semiconductors	25TH JUNE
Modern Physics	Extrinsic Semiconductors	25TH JUNE
Modern Physics	Introduction of Junction diode	25TH JUNE
Modern Physics	Application & types of Junction Diode	25TH JUNE
Modern Physics	Introduction of Transisters	25TH JUNE
Modern Physics	Application of Transisters	25TH JUNE
Magnetism	Biot-Savart Law	UPLOADED
Magnetism	Hysteresis & Cyclotron	UPLOADED
Magnetism	Characteristics of Magnetic Field Lines	UPLOADED
Magnetism	Ampere's Circuital Law, Solenoid & Toroid	UPLOADED
Magnetism	Magnetic Force on moving charge	UPLOADED
Magnetism	Lorentz Force Equation	UPLOADED
Magnetism	Magnet	UPLOADED
Magnetism	Torque and its application	UPLOADED
Magnetism	Earth's Magnetism	UPLOADED
Magnetism	Magnetization & magnetic intensity	UPLOADED
Thermodynamics	Calorimetry & Thermal Expansion 1	25TH JUNE
Thermodynamics	Calorimetry & Thermal Expansion 2	25TH JUNE
Thermodynamics	Calorimetry & Thermal Expansion 3	25TH JUNE
Thermodynamics	Heat Transfer 1	25TH JUNE
Thermodynamics	Heat Transfer 2	25TH JUNE
Thermodynamics	Kinetic Theory of Gases and Thermodynamics	25TH JUNE
Thermodynamics	Thermodynamics 1	25TH JUNE
Thermodynamics	Thermodynamics 2	25TH JUNE
Thermodynamics	Thermodynamics 3	25TH JUNE
Center of Mass & Momentum conservation	Center of Mass 1	UPLOADED
Center of Mass & Momentum conservation	Center of Mass 2	UPLOADED

Center of Mass & Momentum conservation	Collision	UPLOADED
Center of Mass & Momentum conservation	Momentum Conservation	UPLOADED
Kinematics	Projectile Motion	UPLOADED
Kinematics	Rectilinear Motion	UPLOADED
Kinematics	Relative Motion	UPLOADED
Newton's Laws of Motion	Friction	25TH JUNE
Newton's Laws of Motion	Newton's Laws of Motion 1	25TH JUNE
Newton's Laws of Motion	Newton's Laws of Motion 2	25TH JUNE
Rotation	Angular Momentum	25TH JUNE
Rotation	Combined Rotation & Translation	25TH JUNE
Rotation	Moment of Inertia	25TH JUNE
Rotation	Rolling	25TH JUNE
Rotation	Torque	25TH JUNE
Simple Harmonic Motion	Introduction to Simple Harmonic Motion	25TH JUNE
Simple Harmonic Motion	SHM in combination of springs	25TH JUNE
Simple Harmonic Motion	Pendulum & its types	25TH JUNE
Simple Harmonic Motion	Damped Harmonic Oscillator	25TH JUNE
Work, Power, Energy & Circular Motion	Circular Motion 1	30TH JUNE
Work, Power, Energy & Circular Motion	Circular Motion 2	30TH JUNE
Work, Power, Energy & Circular Motion	Potential Energy & Work-Energy Theorem	30TH JUNE
Work, Power, Energy & Circular Motion	Work	30TH JUNE
Gravitation	Gravitation 1	UPLOADED
Gravitation	Gravitation 2	UPLOADED
Mechanical Properties of Matter	Elasticity	UPLOADED
Mechanical Properties of Matter	Elasticity & Viscosity	UPLOADED
Mechanical Properties of Matter	Fluids 1	UPLOADED
Mechanical Properties of Matter	Fluids 2	UPLOADED
Mechanical Properties of Matter	Fluids 3	UPLOADED
Mechanical Properties of Matter	Surface Tension 1	UPLOADED
Mechanical Properties of Matter	Surface Tension 2	UPLOADED
Capacitance	Introduction to Capacitance	25TH JUNE

Capacitance	Capacitors & its types	25TH JUNE
Capacitance	Combination of capacitors	25TH JUNE
Capacitance	Charging & discharging of capacitors	25TH JUNE
Capacitance	Capacitors with dielectric	25TH JUNE
<b>MATHS</b>		
Topic	Subtopics	STATUS OF UPLOADING
Binomial Theorem	Applications of binomial	UPLOADED
Binomial Theorem	Bino-AP,Bino-AGP,Bino-HP,Bino-Bino series	UPLOADED
Binomial Theorem	General and middle term	UPLOADED
Binomial Theorem	Pascal's triangle	UPLOADED
Binomial Theorem	Properties of coefficients	UPLOADED
Binomial Theorem	Statement and proof	UPLOADED
Complex Number & Quadratic Equation	Solution of quadratic equations	25TH JUNE
Straight Lines	Different forms of lines	UPLOADED
Straight Lines	Equation of family of lines	UPLOADED
Straight Lines	Homogenisation of pair of lines	UPLOADED
Straight Lines	Reflection and image of line	UPLOADED
Straight Lines	Shifting of origin	UPLOADED
Straight Lines	Slope of a line and angle between two lines	UPLOADED
Differential Equations	Clairaut's equation and higher order eq.	UPLOADED
Differential Equations	Definition, order and degree	UPLOADED
Differential Equations	Formation of differential equation	UPLOADED
Differential Equations	General & particular solutions of a equation	UPLOADED
Differential Equations	Homogeneous differential equations	UPLOADED
Differential Equations	Solution by method of variable separation	UPLOADED
Differential Equations	Solutions of linear differential equation	UPLOADED
Definite integrals	Advance properties of definite integrals	UPLOADED
Definite integrals	Basic properties of definite integrals	UPLOADED
Definite integrals	Definite integrals as a sum of limit	UPLOADED
Definite integrals	Evaluation of definite integrals	UPLOADED

Definite integrals	Fundamental Theorem of definite integral	UPLOADED
Integrals	Integration as inverse of differentiation	UPLOADED
Integrals	Integration by partial fractions	25TH JUNE
Integrals	Integration by parts	25TH JUNE
Integrals	Integration of functions by substitution	25TH JUNE
Integrals	Special integrals	25TH JUNE
Integrals	Trigonometric integrals of special form	25TH JUNE
Applications of Derivatives	Maxima and minima	25TH JUNE
Continuity & Differentiability	Chain rule	25TH JUNE
Continuity & Differentiability	Concept of Continuity & differentiability	25TH JUNE
Continuity & Differentiability	Derivative of composite functions	25TH JUNE
Continuity & Differentiability	Derivative of implicit functions	25TH JUNE
Continuity & Differentiability	Derivative of parametric function	25TH JUNE
Continuity & Differentiability	Derivatives of logarithmic and exponential	25TH JUNE
Continuity & Differentiability	Inverse trigonometric function derivation	25TH JUNE
Continuity & Differentiability	Logarithmic differentiation	25TH JUNE
Continuity & Differentiability	Rolle's & Lagrange's Mean Value Theorem	25TH JUNE
Continuity & Differentiability	Second and higher order derivatives	25TH JUNE
Limits and Derivatives	Limits of Polynomials & rational functions	25TH JUNE
Limits and Derivatives	Trigonometric, exponential & logarithmic	25TH JUNE
Matrices	Concept, notation, order, equality	25TH JUNE
Matrices	Elementary row and column operations	25TH JUNE
Matrices	Invertible matrices and uniqueness of it	25TH JUNE
Matrices	Noncommutativity of matrix multiplication	25TH JUNE
Matrices	Operation on matrices	25TH JUNE
Matrices	Symmetric and skew symmetric matrices	25TH JUNE
Matrices	Types of matrices, zero and identity matrix	25TH JUNE
Probability-1	Exhaustive events Mutually exclusive events	25TH JUNE
Probability-1	Probability of an event	25TH JUNE
Probability-1	Random experiments –outcomes	25TH JUNE
Probability-2	Baye's theorem	25TH JUNE

Probability-2	Bernoulli trials and Binomial distribution	25TH JUNE
Probability-2	Conditional probability	25TH JUNE
Probability-2	Independent events, total probability	25TH JUNE
Probability-2	Multiplication theorem on probability	25TH JUNE
Probability-2	Random variable & probability distribution	25TH JUNE