

NEET Pattern Part & Cumulative Tests

	PHYSICS	CHEMISTRY	BIOLOGY
NPT - 1	Foundation Physics ; Units, Dimensions and Measurement	Some Basic Concepts of Chemistry ; Structure of Atom	The Living World ; Biological Classification ; Plant Kingdom ; Animal Kingdom
NPT - 2	Motion in One Dimension ; Motion in Two Dimensions	Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure	Morphology of Flowering Plants ; Anatomy of Flowering Plants ; Structural Organization in Animals
NPT - 3	Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction) ; Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions	General Organic Chemistry : Part 1 ; General Organic Chemistry : Part 2 ; Hydrocarbons	Cell : The Unit of Life ; Cell Cycle and Cell Division ; Biomolecules ; Transport in Plants ; Mineral Nutrition ; Photosynthesis in Higher Plants
NPT - 4	Foundation Physics ; Units, Dimensions and Measurement ; Motion in One Dimension ; Motion in Two Dimensions ; Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction) ; Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions ; Dynamics of Rigid Body : Part 1 ; Dynamics of Rigid Body : Part 2	Some Basic Concepts of Chemistry ; Structure of Atom ; Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure ; General Organic Chemistry : Part 1 ; General Organic Chemistry : Part 2 ; Hydrocarbons ; States of Matter ; Thermodynamics	The Living World ; Biological Classification ; Plant Kingdom ; Animal Kingdom ; Morphology of Flowering Plants ; Anatomy of Flowering Plants ; Structural Organization in Animals ; Cell : The Unit of Life ; Cell Cycle and Cell Division ; Biomolecules ; Transport in Plants ; Mineral Nutrition ; Photosynthesis in Higher Plants ; Respiration in Plants ; Plant Growth and Development ; Digestion and Absorption
NPT - 5	Simple Harmonic Motion ; Waves and Acoustics ; Gravitation ; Mechanical Properties of Solids ; Mechanical Properties of Fluids	Chemical Equilibrium ; Ionic Equilibrium ; s-Block Elements ; Hydrogen ; Environmental Chemistry ; Redox Reactions ; p-Block Elements (Group - 13, 14)	Breathing and Exchange of Gases ; Body Fluids and Circulation ; Excretory Products and Their Elimination ; Locomotion and Movement ; Neural Control and Coordination ; Chemical Coordination and Integration
NPT - 6	Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics ; Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2 ; Magnetics : Part 1	Solid State ; Solutions ; Electrochemistry ; Chemical Kinetics ; Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids ; Organic Compounds Containing Nitrogen	Reproduction in Organisms ; Sexual Reproduction in Flowering Plants ; Human Reproduction ; Reproductive Health ; Principles of Inheritance and Variation ; Molecular Basis of Inheritance ; Evolution ; Human Health and Diseases ; Strategies for Enhancement in Food Production ; Microbes in Human Welfare ; Biotechnology : Principles and Processes
NPT - 7	Magnetics : Part 2 ; Electromagnetic Induction : Part 1 ; Electromagnetic Induction : Part 2	General Principles and Processes of Isolation of Elements ; p-Block Elements (Groups 15 - 18) ; d- & f-Block Elements	Biotechnology and its Applications ; Organisms and Populations ; Ecosystem
NPT - 8	Wave Optics ; Electromagnetic Waves and Dual Nature of Radiation and Matter	Coordination Compounds ; Biomolecules	Biodiversity and Conservation ; Environmental Issues

JEE Main Pattern Part & Cumulative Tests

	PHYSICS	CHEMISTRY	MATHS
MPT - 1	Foundation Physics ; Units, Dimensions and Measurement	Some Basic Concepts of Chemistry ; Structure of Atom	Sets ; Introduction to Relations and Functions ; Inequalities and Modulus ; Logarithm
MPT - 2	Motion in One Dimension ; Motion in Two Dimensions	Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure	Theory of Equations ; Trigonometric Ratios and Identities ; Trigonometric Equations
MPT - 3	Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction) ; Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions	General Organic Chemistry : Part 1 ; General Organic Chemistry : Part 2 ; Hydrocarbons	Progression and Series ; Binomial Theorem ; Permutation and Combination ; Coordinate System and Straight Lines ; Circle
MPT - 4	Foundation Physics ; Units, Dimensions and Measurement ; Motion in One Dimension ; Motion in Two Dimensions ; Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction) ; Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions ; Dynamics of Rigid Body : Part 1 ; Dynamics of Rigid Body : Part 2	Some Basic Concepts of Chemistry ; Structure of Atom ; Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure ; General Organic Chemistry : Part 1 ; General Organic Chemistry : Part 2 ; Hydrocarbons ; States of Matter ; Thermodynamics	Sets ; Introduction to Relations and Functions ; Inequalities and Modulus ; Logarithm ; Theory of Equations ; Trigonometric Ratios and Identities ; Trigonometric Equations ; Progression and Series ; Binomial Theorem ; Permutation and Combination ; Coordinate System and Straight Lines ; Circle ; Parabola ; Ellipse ; Hyperbola
MPT - 5	Simple Harmonic Motion ; Waves and Acoustics ; Gravitation ; Mechanical Properties of Solids ; Mechanical Properties of Fluids	Chemical Equilibrium ; Ionic Equilibrium ; s-Block Elements ; Hydrogen ; Environmental Chemistry ; Redox Reactions ; p-Block Elements (Group - 13, 14)	Properties and Solutions of Triangle ; Statistics ; Matrices ; Determinants
MPT - 6	Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics ; Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2 ; Magnetics : Part 1	Solid State ; Solutions ; Electrochemistry ; Chemical Kinetics ; Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids ; Organic Compounds Containing Nitrogen	Relations and Functions ; Inverse Trigonometric Functions ; Limit ; Continuity and Differentiability ; Differentiation ; Monotonicity, Maxima and Minima of Functions ; Application of Derivatives ; Indefinite Integration ; Definite Integration ; Area
MPT - 7	Magnetics : Part 2 ; Electromagnetic Induction : Part 1 ; Electromagnetic Induction : Part 2	General Principles and Processes of Isolation of Elements ; p-Block Elements (Groups 15 - 18) ; d- & f-Block Elements	Differential Equations ; Introduction to Probability ; Probability
MPT - 8	Wave Optics ; Electromagnetic Waves and Dual Nature of Radiation and Matter	Coordination Compounds ; Biomolecules	Vectors ; Three-Dimensional Geometry

MHT-CET (PCB) Pattern Part & Cumulative Tests

	PHYSICS	CHEMISTRY	BIOLOGY
CPT(B) - 1	Foundation Physics ; Units, Dimensions and Measurement	Some Basic Concepts of Chemistry ; Structure of Atom	The Living World ; Biological Classification ; Plant Kingdom ; Animal Kingdom
CPT(B) - 2	Motion in One Dimension ; Motion in Two Dimensions ; Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction)	Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure ; General Organic Chemistry : Part 1	Morphology of Flowering Plants ; Anatomy of Flowering Plants ; Structural Organization in Animals ; Cell : The Unit of Life ; Cell Cycle and Cell Division ; Biomolecules
CPT(B) - 3	Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions	General Organic Chemistry : Part 2 ; Hydrocarbons	Transport in Plants ; Mineral Nutrition ; Photosynthesis in Higher Plants
CPT(B) - 4	Dynamics of Rigid Body : Part 1 ; Dynamics of Rigid Body : Part 2	States of Matter ; Thermodynamics	Respiration in Plants ; Plant Growth and Development ; Digestion and Absorption
CPT(B) - 5	Simple Harmonic Motion ; Waves and Acoustics ; Gravitation ; Mechanical Properties of Solids ; Mechanical Properties of Fluids ; Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics	Chemical Equilibrium ; Ionic Equilibrium ; s-Block Elements ; Hydrogen ; Environmental Chemistry ; Redox Reactions ; p-Block Elements (Group -13, 14) ; Solid State ; Solutions	Breathing and Exchange of Gases ; Body Fluids and Circulation ; Excretory Products and Their Elimination ; Locomotion and Movement ; Neural Control and Coordination ; Chemical Coordination and Integration ; Reproduction in Organisms ; Sexual Reproduction in Flowering Plants ; Human Reproduction ; Reproductive Health
CPT(B) - 6	Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2	Electrochemistry ; Chemical Kinetics ; Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids	Principles of Inheritance and Variation ; Molecular Basis of Inheritance ; Evolution ; Human Health and Diseases ; Strategies for Enhancement in Food Production ; Microbes in Human Welfare

MHT-CET (PCM) Pattern Part & Cumulative Tests

	PHYSICS	CHEMISTRY	MATHS
CPT(M) - 1	Foundation Physics ; Units, Dimensions and Measurement	Some Basic Concepts of Chemistry ; Structure of Atom	Sets ; Introduction to Relations and Functions ; Inequalities and Modulus ; Logarithm
CPT(M) - 2	Motion in One Dimension ; Motion in Two Dimensions ; Newton's Laws of Motion (Without Friction) ; Newton's Laws of Motion (With Friction)	Classification of Elements and Periodicity in Properties ; Chemical Bonding and Molecular Structure ; General Organic Chemistry : Part 1	Theory of Equations ; Trigonometric Ratios and Identities ; Trigonometric Equations ; Progression and Series ; Binomial Theorem ; Permutation and Combination
CPT(M) - 3	Work, Power and Energy ; Centre of Mass, Conservation of Linear Momentum and Collisions	General Organic Chemistry : Part 2 ; Hydrocarbons	Coordinate System and Straight Lines ; Circle
CPT(M) - 4	Dynamics of Rigid Body : Part 1 ; Dynamics of Rigid Body : Part 2	States of Matter ; Thermodynamics	Parabola ; Ellipse ; Hyperbola
CPT(M) - 5	Simple Harmonic Motion ; Waves and Acoustics ; Gravitation ; Mechanical Properties of Solids ; Mechanical Properties of Fluids ; Thermal Properties of Matter ; Kinetic Theory of Gases and The Laws of Thermodynamics	Chemical Equilibrium ; Ionic Equilibrium ; s-Block Elements ; Hydrogen ; Environmental Chemistry ; Redox Reactions ; p-Block Elements (Group -13, 14) ; Solid State ; Solutions	Properties and Solutions of Triangle ; Statistics ; Matrices ; Determinants ; Relations and Functions ; Inverse Trigonometric Functions
CPT(M) - 6	Geometrical Optics ; Electric Charges and Field ; Electrostatic Potential ; Capacitance ; Current Electricity : Part 1 ; Current Electricity : Part 2	Electrochemistry ; Chemical Kinetics ; Surface Chemistry and Colloidal State ; Organic Compounds Containing Halogens ; Alcohols, Phenols and Ethers ; Aldehydes, Ketones and Carboxylic Acids	Limit ; Continuity and Differentiability ; Differentiation ; Monotonicity, Maxima and Minima of Functions ; Application of Derivatives ; Indefinite Integration

Full Syllabus Tests

NEET	10 Full Syllabus Tests (11 + 12)
JEE Main	10 Full Syllabus Tests (11 + 12)
MHT-CET (PCB)	5 Full Syllabus Tests (11 + 12)
MHT-CET (PCM)	5 Full Syllabus Tests (11 + 12)