

Syllabus : (NSA-SAT - 24)

NEET & JEE Repeater

Physics: Electric Charges and Field, Electrostatic potential and Capacitance, Current Electricity, Ray Optics, Moving Charges & Magnetism, Electromagnetic Induction, Alternating Current, Unit and Measurement, Motion in Plane, Laws of Motion, Work Power and Energy, Gravitation, Mechanical Properties of Solids, Thermodynamics.

Chemistry: Solutions, Chemical Kinetics, Coordination Compounds, Haloalkanes and Haloarenes, Alcohol Phenol and Ether, Aldehydes, Ketones and Carboxylic Acids, Biomolecules, Classification of Elements and Periodicity in Properties, Atomic Structure, Some Basic Concepts of Chemistry, Hydro Carbon, Chemical Bonding and Molecular Structure, Thermodynamics.

Biology: Evolution, Human reproduction, Reproductive health, Reproduction in Flowering plant, Molecular basis of inheritance, Principles of inheritance and Variation, Ecosystem, Human Health, Body fluids and circulation, Breathing and exchange of gases, Neural Control & Coordination, Animal Kingdom, Photosynthesis in Higher Plant, Respiration in Plant, Morphology of Flowering Plant, Anatomy of Flowering Plant, Cell Biology (Unit of Life).

Mathematics: Relations and Functions, Matrix, Determinants, Continuity Differentiability and Differentiation, Vector, 3D, ITF (Inverse trigonometric Function), Sets, Trigonometric ratio and Identities, Sequence and Series, Complex Number & Quadratic equation, Binomial theorem, straight Line.

Class- 12th NEET & JEE Fresher

Physics: Electric Charges and Field, Electrostatic potential and Capacitance, Current Electricity, Ray Optics, Moving Charges & Magnetism, Electromagnetic Induction, Alternating Current.

Chemistry: Solutions, Chemical Kinetics, Coordination Compounds, Haloalkanes and Haloarenes, Alcohol Phenol and Ether, Aldehydes, Ketones and Carboxylic Acids, Biomolecules.

Biology: Evolution, Human reproduction, Reproductive health, Reproduction in Flowering plant, Molecular basis of inheritance, Principles of inheritance and Variation, Ecosystem, Human Health.

Mathematics: Relations and Functions, Matrix, Determinants, Continuity Differentiability and Differentiation, Vector, 3D, ITF (Inverse trigonometric Function), .

Class- 11th

Physics: Unit and Measurement, Motion in Plane, Laws of Motion, Work Power and Energy, Gravitation, Mechanical Properties of Solids, Thermodynamics.

Chemistry: Classification of Elements and Periodicity in Properties, Atomic Structure, Some Basic Concepts of Chemistry, Hydro Carbon, Chemical Bonding and Molecular Structure, Thermodynamics.

Biology: Body fluids and circulation, Breathing and exchange of gases, Neural Control & Coordination, Animal Kingdom, Photosynthesis in Higher Plant, Respiration in Plant, Morphology of Flowering Plant, Anatomy of Flowering Plant, Cell Biology (Unit of Life).

Mathematics: Sets, Relations and Functions, Trigonometric ratio and Identities, Sequence and Series, Complex Number & Quadratic equation, Binomial theorem, straight Line.

Class- 10th

Physics: Electric Current, Light.

Chemistry: Chemical reactions and equations, Acids Bases and Salts, Carbon and its compounds.

Biology: Life process, Our environment. How do organisms reproduce,

Mathematics: Real numbers, Quadratic Equations, Arithmetic progressions, Triangles, Circles, Surface areas and volumes, Probability, Areas related to circles.

Mental Ability: Series Completion and Inserting, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagrams, Alpha-Numeric Sequence, Calendar, Ranking.

Class- 9th

Physics: Force and Laws of Motion, Work and Energy.

Chemistry: Matter in our surroundings, Is Matter around us pure, Atoms and molecules.

Biology: Natural resources, Tissues, Why do we fall ill.

Mathematics: Number systems, Polynomials, Coordinate geometry, Linear equations in two variables, Triangles, Quadrilaterals, Surface areas and volumes.

Mental Ability: Series Completion and Inserting, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagrams, Alpha-Numeric Sequence, Calendar, Ranking.

Class- 8th

Physics: Force and Pressure, Friction.

Chemistry: Metals and non-metals, synthetic fibres and plastics, combustion and flame.

Biology: Crop production and management, Micro organisms, Reproduction in animals

Mathematics: Cubes and Cube Roots, Factorisation, Linear Equation in One Variable, Direct and Inverse Proportions, Algebraic Expressions and Identities, Mensuration, Compound Interest, Comparing Quantities (Percentage, Profit & Loss).

Mental Ability: Series Completion and Inserting, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagrams, Alpha-Numeric Sequence

Class- 7th

Physics: Heat, Motion and Time.

Chemistry: Physical and Chemical Change, Fibre to Fabric, Acid Base and Salt.

Biology: Nutrition in animals, Transportation in plants and animals, Reproduction in plants

Mathematics: Rational Numbers, Exponents and Power, Algebraic Expression, Perimeter and Area, Profit and Loss, Percentage, Simple Interest, Lines and Angles

Mental Ability: Series Completion and Inserting, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagrams, Alpha-Numeric Sequence

Class- 6th

Physics: Motion and Measurement of Distance, Light, Shadows and Reflections, Electricity and Circuits..

Chemistry: Sorting material into group, Separation of substances.

Biology: Food: Where Does It Come From, Components of Food, Getting to Know Plants

Mathematics: Knowing Our Numbers, Whole Numbers, Integers, Algebra, Ratio and proportion, Fractions.

Mental Ability: Series Completion and Inserting, Analogy and Classification, Coding-Decoding, Blood Relations, Direction Sense Test, Logical Venn Diagrams, Alpha-Numeric Sequence