

## SAFE HANDS & PACE

### SYLLABUS FOR LEAP TESTS (JEE & NEET) FOR 2024 ASPIRANTS

**\* As per need we can change date or topics and changes will be communicated to the students. \*LT Means Leap Test**

Test #	Physics	Chemistry	Biology	Mathematics
LT 01	Units and dimension & Mathematical tools	Redox reaction & Electrochemistry	Living World, Biological Classification, Plant Kingdom	Sets, Relations, And Functions
LT 02	Motion in 1D, 2D	Solutions	Morphology of Flowering Plants, Anatomy of Flowering Plants	Complex Numbers And Quadratic Equations
LT 03	Laws of motion	d and f block elements	Cell a Unit of Life, Cell cycle and Cell division	Matrices And Determinants
LT 04	Work energy Power	Co-ordination compounds	Respiration in Plants,	Permutations & Combinations
LT 05	Syatem of particals and Rotational Motion	Atomic Structure	Photosynthesis in higher plants	Binomial Theorem And Its Simple Applications
LT 06	Gravitation + Oscillation	Chemical Bonding and Molecular structures	Plant Growth & Development,	Sequence And Series
LT 07	Mechanical properties of solids	Classification of elements & Periodicity in properties	Sexual Reproduction in Flowering Pla	Limit, Continuity
LT 08	Mechanical properties of fluids	p -block elements	Principles of Inheritance and variation	Differentiability
LT 09	Thermal properties of matter	Chemical Kinetics	Molecular basis of inheritance	Integral Calculas: Integral As An Anti-Derivative, Fundamental Integral Involving Algebraic, Trigonometric, Exponential, And Logarithmic Functions. Integrations By Substitution, By Parts, And By Partial Functions. Integration Using Trigonometric Identities
LT 10	Thermodynamics + KTG	Hydrocarbons	Organism and population, Microbes in human welfare,	Integral Calculas: Evaluation Of Simple Integrals Of Standered Type

## SAFE HANDS & PACE

### SYLLABUS FOR LEAP TESTS (JEE & NEET) FOR 2024 ASPIRANTS

**\* As per need we can change date or topics and changes will be communicated to the students. \*LT Means Leap Test**

Test #	Physics	Chemistry	Biology	Mathematics
LT 11	Waves	Organic compounds containing halogens	Biodiversity and Its Conservation, Ec	Integral Calculas:The Fundamental Theorem Of Calculus, Properties Of Definite Integrals. Evaluation Of Definite Integrals, Determining Areas Of The Regions Bounded By Simple Curves In Standard form
LT 12	Electric charge and fields	Alcohol,, phenol & Eathers	Structural Organisation in Animals, Animal Kingdom	Differential Equations
LT 13	Electric potential and capacitors	Aldehyde, Ketones, Carboxylic acids	Biomolecules, Breathing and Exchange of gases	Co-Ordinate Geometry
LT 14	Moving charges and Magnetism + Magnetism & Matter	Organic compounds containing Nitrogen, Biomolecules	Body fluids and Circulation, Excretory products and their elimination	Co-Ordinate Geometry: Circle
LT 15	Electromagnetic induction + Alternating current + EM wave	Purification and Charecterisation of organic compounds (Practical related topics)	Locomotion and Movement,	Co-Ordinate Geometry Conic Section
LT 16	Optics and optical instrument	Some basic principles of organic chemistry	Neural Control and Co- ordination	Three Dimensional Geometry
LT 17	Wave optics	Basic concepts in chemistry	Chemical co-ordination and Integration, Reproductive Health	Vector Algebra
LT 18	Duel Nature of radiation and matter	Principles related to Practicals of above topics	Human Reproduction	Statistics
LT 19	Atom , Neucleus	Equilibriun	Evolution	Probability
LT 20	Semiconductor	Chemical Thermodynamics	Human Health and Diseases, Biotechnology and its Applications, Biotechnology: Principles & Processes	Trigonometry