

Preparation schedule for Integrated online test preparation for IIT- JEE, AIEEE and BITSAT - 2009

TESTS	SUBJECT	SYLLABUS
NLIT – 01, 02, 03	Physics	Electrostatics
	Mathematics	Integral calculus
	Chemistry	Chemical bonding and molecular structure
NLIT – 04, 05, 06	Physics	Current electricity
	Mathematics	Differential equations
	Chemistry	Chemistry of hydrocarbons, Purification and characterization of organic compounds
NLIT – 07, 08, 09	Physics	Thermal and chemical effects of currents
	Mathematics	Two dimensional geometry
	Chemistry	Chemistry of non metals-1 &2

TEST	SUBJECT	SYLLABUS
NLIT – 10, 11, 12	Physics	Electrostatics, Current electricity, Thermal and chemical effects of
	Mathematics	Integral calculus, Differential equations, Two dimensional Geometry
	Chemistry	Chemical bonding and molecular structure, Chemistry of hydrocarbons, Purification and characterization of organic compounds, Chemistry of non metals-1 &2
NLIT – 13, 14, 15	Physics	Magnetic effects of currents
	Mathematics	Three dimensional geometry
	Chemistry	Chemistry of lighter metals & Heavy metals

TEST	SUBJECT	SYLLABUS
NLIT – 16, 17, 18	Physics	Magnetostatics, Electromagnetic induction and alternating currents
	Mathematics	Vector algebra
	Chemistry	Chemistry of representative elements
NLIT – 19, 20, 21	Physics	Ray optics, Wave optics
	Mathematics	2D Geometry
	Chemistry	D & F Block elements & Co-ordinate Chemistry
NLIT – 22, 23, 24	Physics	Magnetic effects of currents, Magnetostatics, Electromagnetic induction and alternating currents, Ray optics, Wave optics
	Mathematics	Three dimensional geometry, Vector algebra, 2D Geometry
	Chemistry	Chemistry of lighter metals, Heavy metals, Chemistry of representative elements, D & F Block elements & Co-ordinate Chemistry

TEST	SUBJECT	SYLLABUS
NLIT – 25, 26, 27	Physics	Electromagnetic waves
	Mathematics	Probability
	Chemistry	Surface chemistry, Bio molecules and biological process Chemistry in action
NLIT – 28, 29, 30	Physics	Electrons and photons
	Mathematics	Trigonometry
	Chemistry	Nuclear chemistry, Synthetic and natural polymers
NLIT – 31, 32, 33	Physics	Atoms molecules and nuclei, Solids and semi conductor devices
	Mathematics	Statistics and Mathematical Logic
	Chemistry	Atoms, molecules and chemical arithmetic

TEST	SUBJECT	SYLLABUS
NLIT – 34, 35, 36	Physics	Electromagnetic waves, Electrons and photons, Atoms molecules and nuclei, Solids and semi conductor devices
	Mathematics	Probability, Trigonometry, Statistics and Mathematical Logic
	Chemistry	Nuclear chemistry, Synthetic and natural polymers, Surface chemistry, Bio molecules and biological process Chemistry in action, Atoms, molecules and chemical arithmetic
NLIT – 37, 38, 39	Physics	Description of motion in one dimension
	Mathematics	Sets, relations and functions
	Chemistry	Atomic structure & Periodic table
NLIT – 40, 41, 42	Physics	Description of motion in two and three dimension, Laws of motion
	Mathematics	Complex numbers, Matrices and determinants
	Chemistry	Solid state & Solutions

TEST	SUBJECT	SYLLABUS
NLIT – 43, 44, 45	Physics	Work energy and power, Rotational motion and moment of inertia
	Mathematics	Quadratic equations
	Chemistry	Chemical equilibrium and Ionic equilibrium
NLIT – 46, 47, 48	Physics	Description of motion in one dimension, Description of motion in two and three dimension, Laws of motion, Work energy and power, Rotational motion and moment of inertia.
	Mathematics	Sets relations and functions, Complex numbers, matrices and determinants, Quadratic equations
	Chemistry	Atomic structure & Periodic table, Solid state & Solutions Chemical equilibrium and Ionic equilibrium
NLIT – 49, 50, 51	Physics	Gravitation, Properties of matter
	Mathematics	Permutation and combination
	Chemistry	Gaseous state

TEST	SUBJECT	SYLLABUS
NLIT – 52, 53, 54	Physics	Oscillations, Waves
	Mathematics	Mathematical inductions and its applications, Binomial theorem and its applications, Sequences
	Chemistry	Chemical energetics and Electrochemistry
NLIT – 55, 56, 57	Physics	Heat and thermodynamics, Transfer of heat
	Mathematics	Differential calculus
	Chemistry	Organic Chemistry based on functional groups
NLIT – 58, 59, 60	Physics	Gravitation, Properties of matter, Oscillations, Waves, Heat and thermodynamics, Transfer of heat
	Mathematics	Permutation and combination, Mathematical inductions and its applications, Binomial theorem and its applications, Sequences and series, Differential calculus
	Chemistry	Gaseous state, Chemical energetics and Electrochemistry, Organic Chemistry based on functional groups