

**JEE-MAINS TEST SERIES SYLLABUS of DREAMZ  
EDUCATION CENTRE**

<b>Test No</b>	<b>Subject</b>	<b>Syllabus</b>
<b>Unit Test 1 [July]</b>	<b>Physics</b>	Unit and Measurement, Motion in a straight line, Motion in a plane, Laws of Motion
	<b>Chemistry</b>	Some basic concepts of Chemistry, Structure of Atom, Classification of elements and periodicity in properties, Chemical Bonding and molecular structure
	<b>Math</b>	Sets, Relation and Functions, Trigonometry (including properties of Triangle)
<b>Unit Test 2 [Oct]</b>	<b>Physics</b>	Work, Power and Energy, Rotational Motion and System of particles, Gravitation
	<b>Chemistry</b>	States of matter – Gases and Liquids, Thermodynamics, Chemical equilibrium, Ionic equilibrium
	<b>Math</b>	Quadratic Equation, Complex Number, Mathematical Induction, Permutation and Combination
<b>Unit Test 3 [Dec]</b>	<b>Physics</b>	Properties of Solid and Liquid, Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gas
	<b>Chemistry</b>	Redox reactions , Hydrogen, s-Block elements (Alkali and alkaline earth metals), Some p-block elements (Group 13 & Group 14 elements)
	<b>Math</b>	Binomial Theorem and its Application, Sequence and Series, Co-ordinate Geometry, Straight lines, Circles, Conic sections
<b>Unit Test 4 [Feb]</b>	<b>Physics</b>	Oscillation, Wave Motion
	<b>Chemistry</b>	Organic Chemistry- Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry
	<b>Math</b>	Limit and Differentiation, Statistic, Probability Basic, Mathematical Reasoning
<b>Unit Test 5 [July]</b>	<b>Physics</b>	Electric charge and Field, Electrostatic Potential, Capacitor, Current Electricity
	<b>Chemistry</b>	Solid state, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry
	<b>Math</b>	Matrices and Determinants, Inverse trigonometric function
<b>Unit Test 6 [Oct]</b>	<b>Physics</b>	Moving Charge and Magnetism, Magnetism and Matter, Electromagnetic induction, Alternating Current
	<b>Chemistry</b>	General principles and processes of isolation of elements, p-Block elements (Group 15, 16, 17 & 18 elements), d and f Block elements, Coordination Compounds

	<b>Math</b>	Continuity, Differentiability and Differentiation, Applications of derivatives
<b>Unit Test 7</b> [Dec]	<b>Physics</b>	Electromagnetic Wave, Ray Optics, Wave optics
	<b>Chemistry</b>	Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, ketones and carboxylic acids
	<b>Math</b>	Integral Calculus, Application of Integration, Differential Equations
<b>Unit Test 8</b> [Feb]	<b>Physics</b>	Dual Nature of Matter and Radiation, Atoms and Nuclei, Semiconductor and Electronic Devices, Communication System
	<b>Chemistry</b>	Organic compounds containing Nitrogen, Biomolecules, Polymers, Chemistry in Everyday life
	<b>Math</b>	Three Dimensional Geometry, Vector Algebra, Probability
<b>Mock Test 1</b> [Feb]	<b>Physics</b>	Full Syllabus
	<b>Chemistry</b>	
	<b>Math</b>	
<b>Mock Test 2</b> [March]	<b>Physics</b>	Full Syllabus
	<b>Chemistry</b>	
	<b>Math</b>	

## NEET TEST SERIES SYLLABUS of DREAMZ EDUCATION CENTRE

Test No	Subject	Syllabus
<b>Unit Test 1</b> [July]	<b>Physics</b>	Unit and Measurement, Motion in a straight line, Motion in a plane, Laws of Motion
	<b>Chemistry</b>	Some basic concepts of Chemistry, Structure of Atom, Classification of elements and periodicity in properties, Chemical Bonding and molecular structure
	<b>Biology</b>	The Living World, Biological Classification, Plant Kingdom, Animal Kingdom
<b>Unit Test 2</b> [Oct]	<b>Physics</b>	Work, Power and Energy, Rotational Motion and System of particles, Gravitation
	<b>Chemistry</b>	States of matter – Gases and Liquids, Thermodynamics, Chemical equilibrium, Ionic equilibrium
	<b>Biology</b>	Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organisation in Animals
<b>Unit Test 3</b> [Dec]	<b>Physics</b>	Properties of Solid and Liquid, Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gas
	<b>Chemistry</b>	Redox reactions , Hydrogen, s-Block elements (Alkali and alkaline earth metals), Some p-block elements (Group 13 & Group 14 elements)
	<b>Biology</b>	Cell-The Unit of Life, Biomolecules, Cell Cycle and Cell Division
<b>Unit Test 4</b> [Feb]	<b>Physics</b>	Oscillation, Wave Motion
	<b>Chemistry</b>	Organic Chemistry- Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry
	<b>Biology</b>	<b>Plant Physiology:</b> Transport in plants, Mineral nutrition, Photosynthesis, Respiration, Plant growth and development <b>Human Physiology:</b> Digestion and absorption, Breathing and Respiration, Body fluids and circulation, Excretory products and their elimination, Locomotion and Movement, Neural control and coordination, Chemical coordination and regulation
<b>Unit Test 5</b> [July]	<b>Physics</b>	Electric charge and Field, Electrostatic Potential, Capacitor, Current Electricity
	<b>Chemistry</b>	Solid state, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry
	<b>Biology</b>	Reproduction in organisms, Sexual reproduction in flowering plants, Human Reproduction, Reproductive health

<b>Unit Test 6</b> [Oct]	<b>Physics</b>	Moving Charge and Magnetism, Magnetism and Matter, Electromagnetic induction, Alternating Current
	<b>Chemistry</b>	General principles and processes of isolation of elements, p-Block elements (Group 15, 16, 17 & 18 elements), d and f Block elements, Coordination Compounds
	<b>Biology</b>	Genetics and Evolution: Heredity and variation, Molecular basis of Inheritance, Evolution
<b>Unit Test 7</b> [Dec]	<b>Physics</b>	Electromagnetic Wave, Ray Optics, Wave optics
	<b>Chemistry</b>	Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, ketones and carboxylic acids
	<b>Biology</b>	<b>Biology and Human Welfare:</b> Human Health and Diseases, Strategies for Enhancement in Food Production, Microbes in Human Welfare Biotechnology - Principles and processes, Biotechnology and its Application
<b>Unit Test 8</b> [Feb]	<b>Physics</b>	Dual Nature of Matter and Radiation, Atoms and Nuclei, Semiconductor and Electronic Devices
	<b>Chemistry</b>	Organic compounds containing Nitrogen, Biomolecules, Polymers, Chemistry in Everyday life
	<b>Biology</b>	<b>Ecology and environment:</b> Organisms and environment, Ecosystem, Biodiversity and its conservation, Environmental issues
<b>Mock Test 1</b> [Feb]	<b>Physics</b>	Full Syllabus
	<b>Chemistry</b>	
	<b>Biology</b>	
<b>Mock Test 2</b> [March]	<b>Physics</b>	Full Syllabus
	<b>Chemistry</b>	
	<b>Biology</b>	