

# MENIIT

An initiative of **MADE EASY** for NEET & IIT-JEE

## Class VIII & IX : Test Syllabus (Merit Paper)

Subject	For Students Currently in <b>Std VIII</b> and moving to <b>Std IX</b> in the next year.		
PHYSICS	Force and Pressure, Friction, Sound, Chemical Effects of Electric Current		
CHEMISTRY	Coal and Petroleum, Combustion and Flame		
BIOLOGY	Crop Production and Management, Microorganisms – Friend and Foe, Conservation of Plants and Animals, Reproduction in Animals		
MATHEMATICS	Rational Numbers, Linear Equations in One variable, Understanding Quadrilaterals, Data Handling, Squares and Square Roots, Cubes and Cube Roots, Comparing Quantities		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, No Negative marking
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (9), Chem (9), Biology (9) Maths (13) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220

Subject	For Students Currently in <b>Std IX</b> and moving to <b>Std X</b> in the next year.		
PHYSICS	Motion, Force and Laws of Motion, Gravitation		
CHEMISTRY	Matter in Our Surroundings, Is Matter around us Pure?, Atoms and Molecules		
BIOLOGY	The Fundamental Unit of Life, Tissues		
MATHEMATICS	Number Systems, Polynomials, Coordinate Geometry, Linear Equations in Two Variables, Lines and Angles, Triangles		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, No Negative marking
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (9), Chem (9), Biology (9) Maths (13) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220

## JEE : Test Syllabus (Merit Paper)

Subject	For Students Currently in <b>Std X</b> and moving to <b>Std XI</b> in the next year.		
PHYSICS	Light – Reflection and Refraction, The human eye and the Colorful World, Electricity		
CHEMISTRY	Chemical Reactions and Equations, Acids, Bases and Salts, Metals and Non-Metals		
MATHEMATICS	Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Introduction to Trigonometry, Some Applications of Trigonometry		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, No Negative marking
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (12), Chem (12), Maths (16) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220

Subject	For Students Currently in <b>Std XI</b> and moving to <b>Std XII</b> in the next year.		
PHYSICS	Units and Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles & Rotational Motion		
CHEMISTRY	Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, Thermodynamics		
MATHEMATICS	Sets, Relations and Functions, Trigonometric Functions, Complex Numbers & Quadratic Equations, Linear Inequalities, Permutations & Combinations, Sequences and Series, Binomial Theorem		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, Negative marking (-1)
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (12), Chem (12), Maths (16) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220

# MENIIT

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Subject	For Students Currently in <b>Std XII</b> and moving to XII Pass in the next year.		
PHYSICS	Electric Charges and Fields, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges and Magnetism, Magnetism and Matter, EMI, AC		
CHEMISTRY	Solutions, Electrochemistry, Chemical Kinetics, The d- & f-Block Elements, Coordination Compounds		
MATHEMATICS	Relations and Functions, Inverse Trigonometric Functions, Matrices, Determinants, Continuity and Differentiability, Applications of Derivatives, Integrals, Application of Integrals		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, Negative marking (-1)
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (12), Chem (12), Maths (16) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220

## NEET : Test Syllabus (Merit Paper)

Subject	For Students Currently in <b>Std X</b> and moving to Std XI in the next year.		
PHYSICS	Light – Reflection and Refraction, The human eye and the Colorful World, Electricity		
CHEMISTRY	Chemical Reactions and Equations, Acids, Bases and Salts, Metals and Non-Metals		
BIOLOGY	Life Processes, Control and Coordination, How do Organisms Reproduce?		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, No Negative marking
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (12), Chem (12), Biology (16) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220

Subject	For Students Currently in <b>Std XI</b> and moving to Std XII in the next year.		
PHYSICS	Units and Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles & Rotational Motion		
CHEMISTRY	Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, Thermodynamics		
BOTANY	Living World, Biological Classification, Plant Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants		
ZOOLOGY	Animal Kingdom, Structural Organization in Animals, Cell: The Unit of Life, Cell Cycle and Cell Division, Biomolecules		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, Negative marking (-1)
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (12), Chem (12), Biology (16) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220

Subject	For Students Currently in <b>Std XII</b> and moving to XII Pass in the next year.		
PHYSICS	Electric Charges and Fields, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges and Magnetism, Magnetism and Matter, Electromagnetic Induction, Alternating Current		
CHEMISTRY	Solutions, Electrochemistry, Chemical Kinetics, The d- & f-Block Elements, Coordination Compounds		
BOTANY	Sexual Reproduction in Flowering Plants, Principles of Inheritance and Variation, Molecular basis of Inheritance, Microbes in Human Welfare		
ZOOLOGY	Human Reproduction, Reproductive Health, Human Health & Diseases, Evolution		
Paper Duration	90 Minutes	Marking Scheme	+ 4 for correct answer, Negative marking (-1)
Paper Pattern	<b>Merit Paper</b> - Single Answer MCQs Physics (12), Chem (12), Biology (16) <b>Aptitude Paper</b> - Single Answer MCQs (15)	Maximum Marks	220