

CLASS VII SYLLABUS

Chemistry - Physical And Chemical Changes, Acid, Bases And Salts

Biology- Nutrition In Plants, Nutrition In Animals, Respiration In Organisms, Transportation In Animals & Plants

Physics - Heat, Motion & Time, Electric Current & Its Effects

Math - Integers, Fractions & Decimals, Data Handling, Simple Equations, Lines & Angles, the Triangle & Its Properties, Comparing Quantities

Mental Ability- Direction Sense, Blood Relation, Number Series, Letter Series, Mathematical Operation, Missing Term In Figure, Mirror Images And Water Images

CLASS VIII SYLLABUS

Chemistry - Coal And Petroleum, Combustion And Flame

Biology - Crop Production & Management, Microorganisms: Friend & Foe, Conservation Of Plants & Animals, Reproduction In Animals

Physics - Force And Pressure, Friction

Math - Rational Numbers, Linear Equation In One Variable, Understanding Quadrilaterals, Data Handling, Squares And Square, Roots, Cube And Cube Roots, Comparing Quantities, Algebraic Expressions And Identities

Mental Ability- Direction Sense, Blood Relation, Calendar, Seating Arrangement, Number Series, Missing Term In Figure, Letter Series, Mathematical Operation, Mirror Images & Water Images, Figure Completion

CLASS IX SYLLABUS

Chemistry - Matter In Our Surrounding, Is Matter Around Us Pure, Atoms & Molecules

Biology - Fundamental Unit Of Life, Tissues

Physics - Motion, Force & Laws Of Motion, Gravitation, Work & Energy

Math - Number System, Polynomials, Coordinate Geometry, Linear Equation In Two Variables, Lines And Angles, Triangles, Quadrilaterals

Mental Ability- Direction Sense, Blood Relation, Calendar, Seating Arrangement, Number Series, Missing Term In Figure, Letter Series, Mathematical Operation, Mirror Images And Water Images, Figure Completion

CLASS X SYLLABUS

Chemistry - Chemical Reactions & Equations, Acid, Bases & Salts, Metal & Non-metals

Biology - Life Processes, Control And Coordination, How Do Organisms Reproduce?

Physics - Light Reflection & Refraction, Human Eye & The Colourful World, Electricity

Math - Real Numbers, Polynomials, Pair Of Linear Equations In Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Trigonometry, Some Applications Of Trigonometry

Mental Ability- Direction Sense, Blood Relation, Calendar, Seating Arrangement, Number Series, Missing Term In Figure, Letter Series, Mathematical Operation, Mirror Images & Water Images, Figure Completion

CLASS XI SYLLABUS

Chemistry - Some Basic Concept Of Chemistry, Atomic Structure, Periodic Properties, Chemical Bonding, Thermodynamics, Equilibrium

Physics - Units And Measurements, Motion In A Straight Line, Motion In A Plane, Laws Of Motion, Work Energy & Power, System Of Particles And Rotational Motion

Biology - The Living World, Biological Classification, Plant Kingdom, Morphology Of Flowering Plants, Biomolecule, Breathing & Exchange Of Gases, Body Fluids & Circulation

Math - Sets, Trigonometric Functions, Quadratic Equation, Sequence & Series, Straight Lines, Circle

Pattern of Exam

Foundation (Class VII, VIII, IX & X)	MEDICAL (CLASS XI)	ENGINEERING (CLASS XI)
Total No. of Questions: 75	Total No. of Questions: 120	Total No. of Questions: 60
Physics: 15	Physics: 30	Physics: 20
Chemistry: 15	Chemistry: 30	Chemistry: 20
Biology: 15	Biology : 60	Math: 20
Math: 15		
Mental Ability: 15		

There will be multiple choice questions with Marking scheme: +4 for correct answer & -1 mark for wrong answer.

NOTE: For Sample Papers, Download "Mittal Classes" Android App on Play store Or visit our website www.mittalclasses.co.in

