



MATRICULA®
no talent lies latent

MANTRA

এগিয়ে
যাও
বাংলা

MATRICULA NATIONAL TALENT RECOGNITION & ANALYSIS EXAM

For CBSE, ICSE, & ISC Boards

Cash prizes of up to 10 lakh rupees for meritorious students.

A golden opportunity to get a 100% scholarship for higher education.

Easily prepare yourself for competitive exams.

An attractive opportunity to visit the Indian Space Research Organisation (ISRO)

The biggest scholarship examination in Bengal, with a scholarship value of 1 crore rupees.



Our Journey

Since its inception in 2017, MATRICULA has rapidly emerged as one of India's most trusted and forward-thinking educational institutions. Over the years, we've remained steadfast in our commitment to holistic student growth through meticulously designed courses—crafted by the nation's most respected educators—to guide learners toward genuine success.

Our state-of-the-art testing modules, powered by cutting-edge artificial intelligence and advanced technologies, seamlessly integrate rigorous assessment, fluid progression analytics, and a truly unparalleled evaluation platform. These tools have already created a lasting resonance in India's educational landscape.

At MATRICULA, our vision is bold yet simple: regardless of geographic location or financial means, every student deserves access to top-tier education—and an opportunity for personal transformation. With unwavering dedication, our team stands committed to empowering not only the 650,000+ students who have already walked this path with us over the past six years, but also the countless learners who will follow.



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The Importance of MANTRA

MANTRA is a nationwide competitive examination that offers students an incredible scholarship opportunity. It's more than just a knowledge test; it's an ideal platform to foster a competitive spirit among students.

Students from class 6 to 12 are eligible to participate in this scholarship exam. Every participant has a golden opportunity to win a 100% scholarship for their higher education. Top-performing students can also win cash prizes of up to ₹10 lakh, which will be a significant support for their academic journey.

Additionally, we have more exciting rewards for our talented students. The top 20 rank holders will get a rare chance to visit the Indian Space Research Organisation (ISRO). Furthermore, to support students' educational needs, we will be providing essential gadgets like laptops, tablets, and smartphones.

Through MANTRA, we are identifying talented students who aspire to build their careers in the fields of Engineering and Medicine. We are committed to nurturing their potential and helping them on their path to success.





Contents and Procedure

Exam Dates:

1st October – 15th December, 2025

Required Eligibility:

Students studying in classes VI to XII, and students who have passed class XII.

Exam Time:

Online – 10 AM to 12 AM (midnight)

Exam Fee:

Rs.- 149

Application Deadline:

1 day before the exam

Result Declaration:

17th December, 2025

Prize Distribution:

27th December, 2025

Results will be displayed on:

Matricula App & matricula.co.in/mantra/

Exam Method:

Total Number of Questions: 30

Exam Duration:

30 minutes

Exam Assessment:

90 marks (No negative marking for incorrect answers)

*** For information and instructions, general terms and conditions, and the terms for visiting ISRO, please visit the [Matricula App & matricula.co.in/mantra/](https://matricula.co.in/mantra/)**



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Syllabus

Class- VI

Physics: Motion and Measurement of Distances, Light, Shadows and Reflections, Electricity and Circuits, Fun with Magnets, Force and Energy.

Chemistry: Sorting, Materials into Groups, Separation of Substances, Changes around Us, Air around Us, Water.

Biology: Food, Components of Food, Getting to Know Plants, Body Movements, The Living Organisms and Their Surroundings, Garbage In, Garbage Out.

Mathematics: Knowing Our Numbers, Whole Numbers, Playing with Numbers, Integers, Fractions and Decimals, Ratio and Proportion, Basic Geometrical Ideas, Understanding Elementary Shapes, Mensuration, Algebra.

Mental Ability: Analogies, Classification, Coding and Decoding, Series Completion, Logical Reasoning, Spatial Reasoning, Direction Sense, Puzzle and Cryptography.

Class- VII

Physics: Heat, Motion and Time, Electric Current and its Effects, Light, Sound, Winds, Storms and Cyclones.

Chemistry: Acids, Bases, and Salts, Physical and Chemical Changes, Fibre to Fabric, Water, Elements, Compounds, and Mixtures.

Biology: Nutrition in Plants, Nutrition in Animals, Respiration in Organisms, Reproduction in Plants, Forests: Our Lifeline, Weather, Climate, and Adaptations of Animals, Soil.

Mathematics: Integers, Fractions and Decimals, Rational Numbers, Exponents and Powers, Algebraic Expressions, Simple Equations, Lines and Angles, Triangles and their Properties, Congruence of Triangles, Comparing Quantities, Perimeter and Area.

Mental Ability: Series Completion, Coding-Decoding, Analogies, Classification, Logical Venn Diagrams, Direction Sense Test, Puzzles, Mirror and Water Images, Non-Verbal Reasoning.

Class- VIII

Physics: Force and Pressure, Friction, Sound, Light, Chemical Effects of Electric Current Electricity.

Chemistry: Synthetic Fibres and Plastics, Materials: Metals and Non-metals, Coal and Petroleum, Combustion and Flame, Acids, Bases, and Salts, Chemical Reactions.

Biology: Crop Production and Management, Microorganisms: Friend and Foe, Conservation of Plants and Animals, Cell: Structure and Functions, Reproduction in Animals, Reach the Age of Adolescence.

Mathematics: Rational Numbers, Linear Equations in One Variable, Understanding Quadrilaterals, Practical Geometry, Data Handling, Squares and Square Roots, Cubes and Cube Roots, Exponents and Powers, Algebraic Expressions and Identities, Mensuration Direct and Inverse Proportions.

Mental Ability: Series Completion, Coding-Decoding, Analogies, Classification, Logical Venn Diagrams, Direction Sense Test, Puzzles, Mirror and Water Images, Non-Verbal Reasoning





Syllabus

Class- IX

Physics: Motion, Force & Laws of Motion, Gravitation, Work-Energy-Power, Sound, Floatation.

Chemistry: Matter in Our Surroundings, Is Matter Around Us Pure, Atoms & Molecules, Structure of Atom, Chemical Reactions & Equations, Acids-Bases-Salts.

Biology: Cell – Fundamental Unit of Life, Tissues, Diversity in Living Organisms, Why Do We Fall Ill?, Natural Resources, Improvement in Food Resources.

Mathematics: Number Systems, Polynomials, Linear Equations (2 Variables), Coordinate Geometry, Euclid's Geometry, Lines & Angles, Triangles, Quadrilaterals, Area (Parallelograms & Triangles), Circles, Mensuration, Statistics, Probability.

Mental Ability: Series Completion, Coding-Decoding, Analogies, Classification, Logical Venn Diagrams, Direction Sense, Non-Verbal Reasoning, Logical Puzzles.

Class- X

Students Appearing for Medical:

Biology: Life Processes, Control & Coordination, Reproduction, Heredity & Evolution, Our Environment, Sources of Energy.

Chemistry: Chemical Reactions & Equations, Acids-Bases-Salts, Metals & Non-metals, Carbon & Its Compounds, Periodic Classification of Elements.

Physics: Light – Reflection & Refraction, Electricity, Magnetic Effects of Electric Current, Sources of Energy.

Mental Ability: Verbal Reasoning, Non-Verbal Reasoning, Logical Reasoning, Numerical Ability.

Students Appearing for Engineering:

Mathematics: Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Trigonometry, Circles, Areas Related to Circles, Surface Areas & Volumes, Statistics & Probability.

Physics: Light – Reflection & Refraction, Electricity, Magnetic Effects of Electric Current, Sources of Energy.

Chemistry: Chemical Reactions & Equations, Acids-Bases-Salts, Metals & Non-metals, Carbon & its Compounds, Periodic Classification of Elements.

Mental Ability: Verbal Reasoning, Non-Verbal Reasoning, Logical Reasoning, Numerical Ability.





Syllabus

Class XI

Students Appearing for Medical:

Biology: Diversity in Living World, Structural Organisation in Animals and Plants, Cell – Structure & Function, Plant Physiology, Human Physiology, Ecology & Environment.

Chemistry: Some Basic Concepts of Chemistry, Structure of Atom, Classification & Periodicity, Chemical Bonding & Molecular Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Organic Chemistry – Principles & Techniques, Hydrocarbons.

Physics: Physical World & Measurement, Kinematics, Laws of Motion, Work-Energy-Power, Motion of Particles & Rigid Body, Gravitation, Properties of Bulk Matter, Thermodynamics, Oscillations & Waves.

Mental Ability: Verbal Reasoning (Analogy, Classification, Coding-Decoding), Non-Verbal Reasoning (Mirror Images, Water Images, Paper Folding), Logical Reasoning (Syllogism, Direction Sense), Numerical Ability (Number Series, Alphabet Series).

Students Appearing for Engineering:

Mathematics: Sets & Functions, Algebra (Complex Numbers, Quadratic Equations, Sequences, Permutations, Combinations), Trigonometry, Coordinate Geometry (Straight Lines, Conics), Calculus (Limits, Derivatives), Statistics & Probability, Mathematical Reasoning.

Physics: Physical World & Measurement, Kinematics, Laws of Motion, Work-Energy-Power, Motion of Particles & Rigid Body, Gravitation, Properties of Bulk Matter, Thermodynamics, Oscillations & Waves.

Chemistry: Some Basic Concepts of Chemistry, Structure of Atom, Classification & Periodicity, Chemical Bonding & Molecular Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Organic Chemistry – Principles & Techniques, Hydrocarbons.

Mental Ability: Verbal Reasoning (Analogy, Classification, Coding-Decoding), Non-Verbal Reasoning (Mirror Images, Water Images, Paper Folding), Logical Reasoning (Syllogism, Direction Sense), Numerical Ability (Number Series, Alphabet Series).





Syllabus

Class XII

Students Appearing for Medical:

Biology: Reproduction, Genetics & Evolution, Biology & Human Welfare, Biotechnology, Ecology & Environment.

Chemistry: Solid State, Solutions, Electrochemistry, Chemical Kinetics, d- & f-Block Elements, Coordination Compounds, Organic Chemistry.

Physics: Electrostatics, Current Electricity, Magnetic Effects of Current & Magnetism, Electromagnetic Induction & Alternating Currents, Optics, Dual Nature of Radiation & Matter, Atoms & Nuclei.

Mental Ability: Verbal Reasoning, Non-Verbal Reasoning, Logical Reasoning, Numerical Ability.

Students Appearing for Engineering:

Mathematics: Relations & Functions, Algebra, Calculus, Vectors & 3D Geometry, Linear Programming, Probability.

Physics: Electrostatics, Current Electricity, Magnetic Effects of Current & Magnetism, Electromagnetic Induction & Alternating Currents, Optics, Dual Nature of Radiation & Matter, Atoms & Nuclei.

Chemistry: Solid State, Solutions, Electrochemistry, Chemical Kinetics, d- & f-Block Elements, Coordination Compounds, Organic Chemistry.

Mental Ability: Verbal Reasoning, Non-Verbal Reasoning, Logical Reasoning, Numerical Ability.



Rank	Class-VI	Class-VII	Class-VIII	Class-IX	Class-X	Class-XI	Class-XII
RANK-1	TAB + ₹10,000 cash	TAB + ₹10,000 cash	TAB + ₹10,000 cash	TAB + ₹12,000 cash	TAB + ₹15,000 cash	TAB + ₹18,000 cash	TAB + ₹20,000 cash
RANK-2	MOBILE + ₹8,000 cash	MOBILE + ₹8,000 cash	MOBILE + ₹8,000 cash	MOBILE + ₹10,000 cash	MOBILE + ₹12,000 cash	MOBILE + ₹15,000 cash	MOBILE + ₹17,000 cash
RANK-3	MOBILE + ₹7,500 cash	MOBILE + ₹7,500 cash	MOBILE + ₹7,500 cash	MOBILE + ₹8,500 cash	MOBILE + ₹10,500 cash	MOBILE + ₹13,500 cash	MOBILE + ₹15,500 cash
RANK-4	MOBILE + ₹7,000 cash	MOBILE + ₹7,000 cash	MOBILE + ₹7,000 cash	MOBILE + ₹8,000 cash	MOBILE + ₹8,000 cash	MOBILE + ₹11,000 cash	MOBILE + ₹13,000 cash
RANK-5	MOBILE + ₹7,000 cash	MOBILE + ₹7,000 cash	MOBILE + ₹7,000 cash	MOBILE + ₹8,000 cash	MOBILE + ₹8,000 cash	MOBILE + ₹11,000 cash	MOBILE + ₹13,000 cash
RANK-6	₹7,000 cash	₹7,000 cash	₹7,000 cash	₹8,000 cash	₹8,000 cash	₹11,000 cash	₹13,000 cash
RANK-7	₹7,000 cash	₹7,000 cash	₹7,000 cash	₹8,000 cash	₹8,000 cash	₹11,000 cash	₹13,000 cash
RANK-8	₹7,000 cash	₹7,000 cash	₹7,000 cash	₹8,000 cash	₹8,000 cash	₹11,000 cash	₹13,000 cash
RANK-9	₹7,000 cash	₹7,000 cash	₹7,000 cash	₹8,000 cash	₹8,000 cash	₹11,000 cash	₹13,000 cash
RANK-10	₹7,000 cash	₹7,000 cash	₹7,000 cash	₹8,000 cash	₹8,000 cash	₹11,000 cash	₹13,000 cash




Thank You

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