

AADHARSHILA TALENT SEARCH EXAM

Exam Pattern and Syllabus 2025

Subject	Class 8 th	Class 9 th	Class 10 th
Physics	<ul style="list-style-type: none"> ● Force & Pressure ● Friction ● Sound ● Chemical Effects of Electric Current 	<ul style="list-style-type: none"> ● Motion ● Force & Laws of motion ● Gravitation 	<ul style="list-style-type: none"> ● Light-Reflection & Refraction ● Human Eye and colourful world
Chemistry	<ul style="list-style-type: none"> ● Coal and Petroleum ● Combustion & Flame (Combustion; types of combustion, Fire) 	<ul style="list-style-type: none"> ● Matter in our Surroundings ● Is Matter Around Us Pure? ● Atoms and Molecules 	<ul style="list-style-type: none"> ● Chemical Reactions and Equations ● Acids, Bases and salts ● Metals and Non-metals
Biology	<ul style="list-style-type: none"> ● Crop Production and Management ● Microorganisms Friend and Foe ● Conservation of Plants and Animals ● Reproduction in Animals 	<ul style="list-style-type: none"> ● The Fundamental Unit of Life ● Tissues 	<ul style="list-style-type: none"> ● Life Processes ● Control and Coordination
Mathematics	<ul style="list-style-type: none"> ● Rational Numbers ● Linear Equations in one Variable ● Understanding Quadrilateral ● Data Handling ● Squares and Square Roots- Cubes and Cube Roots 	<ul style="list-style-type: none"> ● Numbers Systems ● Polynomials ● Coordinate Geometry ● Lines and Angles ● Triangles ● Linear Equations In Two Variables 	<ul style="list-style-type: none"> ● Real Numbers ● Polynomials ● Pair of Linear Equations in Two Variables ● Quadratic Equations ● Arithmetic Progressions ● Coordinate Geometry
Mental Ability	<ul style="list-style-type: none"> ● Verbal & Non-Verbal Reasoning: Series Analogy ● Number and Alphabet Test ● Direction Test ● Coding and Decoding ● Problems Based on Figures 	<ul style="list-style-type: none"> ● Verbal Non-Verbal Reasoning: Series, Analogy Classification ● Coding and Decoding ● General Logical Reasoning & Analytical Reasoning ● Figure Matrix ● Problems Based on Figures 	<ul style="list-style-type: none"> ● Verbal Non-Verbal Reasoning: Series, Analogy Classification ● Coding and Decoding ● General Logical Reasoning & Analytical Reasoning ● Figure Matrix

“ All the Best for the Exam”

AADHARSHILA TALENT SEARCH EXAM

Exam Pattern and Syllabus 2025

Medical Aspirants			Engineering Aspirants		
Subject	Class 11 th	Class 12 th	Subject	Class 11 th	Class 12 th
Physics	<ul style="list-style-type: none"> Units and Measurements Motion in a straight Line Motion in a Plane Laws of Motion Work, Energy and Power 	<ul style="list-style-type: none"> Electric Charges and Fields Electrostatic Potential and Capacitance Current Electricity Moving Charges and Magnetism Electromagnetic Induction 	Physics	<ul style="list-style-type: none"> Physical World Units and Measurements Motion in a Plane Laws of Motion Work, Energy and Power 	<ul style="list-style-type: none"> Electric Charges and Fields Electrostatic Potential and Capacitance Current Electricity
Chemistry	<ul style="list-style-type: none"> Some Basic Concepts of Chemistry Structure of an Atom Classification of Elements & Periodicity in Properties Chemical Bonding and Molecular Structure 	<ul style="list-style-type: none"> Solutions Electro-chemistry Chemical Kinetics Haloalkanes and Haloarenes 	Chemistry	<ul style="list-style-type: none"> Some Basic Concepts of Chemistry Structure of an Atom Classification of Elements & Periodicity in Properties Chemical Bonding and Molecular Structure 	<ul style="list-style-type: none"> Solutions Electro-chemistry Chemical Kinetics The d and f-Block Elements
Botany	<ul style="list-style-type: none"> Cell; The unit of life Cell Cycle and Cell Division The Living World Biological Classification 	<ul style="list-style-type: none"> Sexual Reproduction in Flowering Plants Principles of Inheritance and Variation Molecular Basis of Inheritance 	Mathematics	<ul style="list-style-type: none"> Sets Trigonometric Functions Complex Numbers and Quadratic Equations Linear Inequalities Permutations and Combinations 	<ul style="list-style-type: none"> Inverse Trigonometric Functions Matrices Determinants Continuity and Differentiability Application of Derivatives
Zoology	<ul style="list-style-type: none"> Biomolecules Breathing and Exchange of Gases Body Fluids and Circulation Excretory Products Elimination 	<ul style="list-style-type: none"> Human Reproduction Reproductive Health Evolution Human Health and Diseases 			

Question Pattern

Classes	Physics	Chemistry	Biology	Maths	Mental Ability	Total Questions
Class 8 th to 10 th	8	7	7	10	8	40
Class 11 th & 12 th JEE	10	10	--	10	--	30
Class 11 th & 12 th NEET	15	15	30	--	--	60

AADHARSHILA TALENT SEARCH EXAM

Exam Pattern and Syllabus 2025

Humanities / Arts Aspirants		
Subject	Class 11 th	Class 12 th
English Language	<ul style="list-style-type: none"> ● Reading Comprehension ● Active & Passive Voice ● Modals ● Prepositions ● Articles ● Tenses ● Spotting Errors 	<ul style="list-style-type: none"> ● Reading Comprehension ● Active & Passive Voice ● Modals ● Prepositions ● Articles ● Tenses ● Spotting Errors
Logical Reasoning	<ul style="list-style-type: none"> ● Verbal Non-Verbal Reasoning: Series, Analogy Classification ● Coding and Decoding ● General Logical Reasoning & Analytical Reasoning ● Figure Matrix 	<ul style="list-style-type: none"> ● Verbal Non-Verbal Reasoning: Series, Analogy Classification ● Coding and Decoding ● General Logical Reasoning & Analytical Reasoning ● Figure Matrix
General Knowledge	<ul style="list-style-type: none"> ● Politics ● History ● Geography ● Static GK ● Economics ● Arts and Culture ● Environment and Ecology 	<ul style="list-style-type: none"> ● Politics ● History ● Geography ● Static GK ● Economics ● Arts and Culture ● Environment and Ecology
Quantitative Techniques	<ul style="list-style-type: none"> ● Number System ● HCF, LCM ● Ratio & Proportion ● Simplification ● Percentage ● Average ● Age Calculation ● Time & Work ● Distances ● Trigonometric Ratios 	<ul style="list-style-type: none"> ● Number System ● HCF, LCM ● Ratio & Proportion ● Simplification ● Percentage ● Average ● Age Calculation ● Time & Work ● Distances ● Trigonometric Ratios

NCERT Based Syllabus / There is no negative marking

Question Pattern					
Classes	English Language	Logical Reasoning	General Knowledge	Quantitative Techniques	Total Questions
Class 11 th & 12 th	15	15	15	15	60
Humanities / Arts					