

WHIZ SEARCH SYLLABUS 2024

S.NO.	CLASS	STEAM	PHYSICS	CHEMISTRY	BIOLOGY	MATHEMATICS	MENTAL ABILITY
1	8TH	FOUNDATION	Motion, Force & Energy	Synthetic Fibres & Plastics, Metal & Non-Metal, Coal & Petroleum	Conservation of Plants and Animals, Cell - Structure and Functions	Rational Numbers, Exponent & Powers, Square & Square Roots, Cubes & Cubes roots, Linear Equations in One Variables, Understanding Quadrilateral, Algebraic Identities	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.
2	9TH	FOUNDATION	Motion, Laws of Motion, Gravitation, Sound	Is Matter Around Us Pure, Matter in Our Surroundings	The Cell, Tissues	Number Systems, Polynomials, Indices, Linear Equations, Coordinate Geometry, Triangles, Quadrilateral	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.
3	10TH	ENGINEERING	Optics : Reflection & refraction (Including Human Eye)	Acid, Base and Salt, Chemical Reaction and Equation, Metal & Non-Metal	Not Applicable	Number Systems, Polynomials, Linear Equations in Two Variables, Trigonometry, Triangles, Quadratic equations, Arithmetic Progression, Coordinate Geometry, Height & Distances	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.
4	10TH	MEDICAL	Optics : Reflection & refraction (Including Human Eye)	Acid, Base and Salt, Chemical Reaction and Equation, Metal & Non-Metal	Photosynthesis, Genetics, Circulatory System, Excretory System	Not Applicable	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.
5	11TH	ENGINEERING	Unit & Dimensions, Error, Kinematics, Laws of Motion, Circular Motion, Work, Power & Energy	Some Basic Concept of Chemistry, Periodic Table, Chemical Bonding, Atomic Structure, Redox Reaction	Not Applicable	Sets, Relation and Functions, Complex Numbers, Progressions, Trigonometry, Quadratic Equation	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.
6	11TH	MEDICAL	Unit & Dimensions, Error, Kinematics, Laws of Motion, Circular Motion, Work, Power & Energy	Some Basic Concept of Chemistry, Periodic Table, Chemical Bonding, Atomic Structure, Redox Reaction	The Living World, Biological Classification, Plant Kingdom, Animal Kingdom, Morphology of Flowering Plants	Not Applicable	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.
7	12TH	ENGINEERING	Electrostatics, Current Electricity, Magnetic Field, Electromagnetic Induction & Alternating Current	Alkyl Halide, Alcohol, Ether and Phenol, Solution, Electrochemistry, Chemical Kinetics, Coordination Compounds	Not Applicable	Relations and Functions, Inverse Trigonometric Functions, Matrices, Determinants, Continuity and Differentiability, Application of Derivatives, Differentiation	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.
8	12TH	MEDICAL	Electrostatics, Current Electricity, Magnetic Field, Electromagnetic Induction & Alternating Current	Alkyl Halide, Alcohol, Ether and Phenol, Solution, Electrochemistry, Chemical Kinetics, Coordination Compounds	Sexual Reproduction in Flowering Plants, Human Reproduction, Principles of Inheritance and Variation, Reproductive Health	Not Applicable	Direction Sense Test, Seating Arrangement, Blood Relation, Classification, Coding-Decoding, Mathematics Operations, Alphabet Test and Number Ranking, Puzzle Test, Calendar, Mirror and Water Images, Dot Situation, Figure Partition, Non-Verbal Series, Non Verbal Analogy, Dices, Letter & Number Series, Venn-diagram, Clock.