

WHIZ SEARCH SYLLABUS 2023

S.NO.	CLASS	STEAM	PHYSICS	CHEMISTRY	BIOLOGY	MATHEMATICS	MENTAL ABILITY
1	8TH	FOUNDATION	Motion, Force, Energy & Light	Water & Air, Carbon & its Compounds, Metal and Non-Metal, Atomic Structure	Conservation of Plants and Animals, Cell - Structure and Functions, Reproduction in Animals, Pollution of Air and Water	Mensuration, Profit & Loss Geometry, Square & Square Roots, Commercial Mathematics, Number System, Percentage, Ratios, Factorization	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 & Pressure, Sound	Is Matter Around Us Pure, Matter in Our Surroundings, Atoms and Molecules, Structure of Atom	The Cell, Tissues	Number System, Triangles, Lines & angles, Co-ordinate Geometry, Indices, Factorization, Polynomials, Heron's Formula, Statistics, Linear Equation in Two Variables, Mensuration, Circle.	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), Sound, Electricity	Acid, Base and Salt, Chemical Reaction and Equation, Metal & Non Metal, Carbon and Its Compounds	Not Applicable	Polynomial, Indices, Arithmetic Progression, Triangles, Mensuration, Area Related to Circles, Probability, Trigonometry, Application of Trigonometry, Real Numbers, Ratio & Proportion	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), Sound, Electricity	Acid, Base and Salt, Chemical Reaction and Equation, Metal & Non Metal, Carbon and Its Compounds	Photosynthesis, Genetics, Circulatory System, Nervous System, Reproductive 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, Centre of Mass, Heat, Oscillation & Wave	Some Basic Concept of Chemistry, Periodic Table, Chemical Bonding, Atomic Structure, Chemical and Ionic Equation, Redox, Isomerism & I.U.P.A.C.	Not Applicable	Sets, Relation and Functions, Complex Numbers, Sequence and Series, Straight Lines, Limits, Trigonometry, Quadratic Equation, Circle.	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, Centre of Mass, Heat, Oscillation & Wave	Some Basic Concept of Chemistry, Periodic Table, Chemical Bonding, Atomic Structure, Chemical and Ionic Equation, , Redox, Isomerism & I.U.P.A.C.	Photosynthesis, The Cell, Transport in Plants, Digestion & Absorption, Body fluid & Circulation, Neural Control & Coordination.	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, Geometrical Optics, Wave Optics, Modern Physics	Alkyl Halide, Alcohol, Ether and Phenol, Solution, Electrochemistry, Aldehyde, Ketone, Amines, Chemical Kinetics, p-Block, Coordination Compounds.	Not Applicable	Relations and Functions, Inverse Trigonometric Functions, Matrices, Determinants, Continuity and Differentiability, Application of Derivatives, Integration.	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, Geometrical Optics, Wave Optics, Modern Physics	Alkyl Halide, Alcohol, Ether and Phenol, Solution, Electrochemistry, Aldehyde, Ketone, Amines, Chemical Kinetics, p-Block, Coordination Compounds.	Sexual Reproduction in Flowering Plants, Human Reproduction, Principles of Inheritance and Variation, Molecular Basis of Inheritance, Human Health & Disease.	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.