

SYLLABUS OF MAT

Test No	Test Name	Test date	Class	MENTAL ABILITY
1	Review Test -1	17/07/2022	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Review Test -2	31/07/2022	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Puzzle Test, Analytical Reasoning, Mirror image, Water image
3	Minor Test-1	14/08/2022	10	Number, Ranking & Time sequence Test, Alpha- Numeric Sequence Puzzle, Inserting the missing Character, Arithmetical Reasoning, Spotting Out the Embedded Figure, Completion of incomplete Pattern, Paper Folding & Paper Cutting
4	Minor Test-2	28/08/2022	10	Blood Relation, Data Sufficiency, Dice & Cube, Dot Situation, Figure Matrix, Figure formation, Grouping of identical figure, Construction of Shapes
5	Minor Test-3	11/09/2022	10	Calendar, Sequential Output Tracing, Verbal & Non Verbal Series, Coding & Decoding, Statement conclusions
6	Minor Test-4	25/09/2022	10	Clock, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification, Logical Venn Diagram, Puzzle Test
7	Major Test -1	09/10/2022	9 & 10	Full Syllabus
8	Major Test -2	30/10/2022	9 & 10	Full Syllabus

SYLLABUS OF SAT

Test No	Test Name	Test date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Review Test -1	17/07/2022	9	Motion, Force and NLM, Gravitation	Matter -Nature And Behaviour, Chemical Reaction And Equations	Biodiversity and Classification, Fundamental Unit of Life: Cell, Our Health	History of Mathematics, Real Numbers, Exponent, Polynomials, Linear Equation of one Variable, Playing With Numbers, Comparing Quantity, Trigonometrical Ratio & Identities	Cartography and Study of Maps, India – An Introduction, India's Climate, The Rivers of India and their Drainage System, Natural Vegetation and Communities Dependent on Forests, The Dawn of Modern Culture in Europe and India The Early-Modern Age (1300 –1800 CE), The Reformation and the Enlightenment (1300–1800 CE), Democratic and Nationalist Revolutions (1600-1900 CE),
2	Review Test -2	31/07/2022	9	Work, Energy, Power; Sound	Structure Of Atom, Chemical Bonding, Chemical Formula And Mole Concept, Coal, Petroleum And Petrochemicals, Hydrocarbons	Multicellular structure: Tissue, Habitat, Waste and its management	Straight line and Angle, Congruency of Triangles, Quadrilaterals, Transformation & Symmetry in Geometrical Shapes, Geometrical Constructions, Sector of a Circle & length of Arc, Cube and Cuboid, Data Handling and Analysis	The Industrial Revolution and Social Change (1750-1900), Colonialism, The Idea of Democracy and its Spread, The Main Features of Democracy, Rights, Gender Equality and Women's Rights, Understanding Economic Activities, The Nature of the Indian Economy, How does Production take Place?
3	Minor Test-1	14/08/2022	10	Electricity	Acids, Bases And Salts, Chemistry In Daily Life	Life Process: Nutrition, Respiration, Excretion	Polynomials, Linear Equation in two Variables, Quadratic Equation in one variable, Arithmetic Progression	Resources and Development, Land Resources, Agriculture, Mineral Resources & Industrialization, Human Resources, Human Settlement,
4	Minor Test-2	28/08/2022	10	Magnetic Effects of Electric Current	Metals And Metallurgy, Chemistry Of Non - metals	Life Process: Transportation, Control and Coordination	Ratio and Proportion, Banking and Taxation, Co-ordinate Geometry, Graph	The First World War, Between the Two World Wars - The Russian Revolution and the Great Depression, Between the Two World Wars - Nazism in Germany and World War-II, End of Colonialism and the Cold War, Mass Media in the 20th Century,
5	Minor Test-3	11/09/2022	10	Light	Periodic Classification Of Elements	Heredity: From Parents to Offsprings, Evolution	Trigonometric Equations and Identities, Heights and Distances, Similarity in Geometrical Shapes, Circles and Tangents	The Making of the Indian Constitution, The Constitution, Government System and their Social Concerns, Democracy in Independent India and the Working of Political Institutions, People's Participation in Democracy, Democracy and Social Movements,
6	Minor Test-4	25/09/2022	10	Sources of Energy, Heat	Derivatives of Hydrocarbons	Life Processes: Reproduction, Growth and Development, Our Environment: Energy Flow in Ecosystem	Geometrical Construction, Surface area and Volumes, Data Analysis	Understanding Development, Money and Credit, Government Budget and Taxation, Food Security, Globalisation.
7	Major Test -1	09/10/2022	9 & 10	Full syllabus	Full Syllabus	Full syllabus	Full syllabus	Full syllabus
8	Major Test -2	30/10/2022	9 & 10	Full syllabus	Full Syllabus	Full syllabus	Full syllabus	Full syllabus

NTSE PAPER PATTERN AND MARKING SCHEME

PAPER	TEST	NUMBER OF QUESTIONS	QUESTION NUMBERING	MARKS	TIME DURATION	REMARKS
PAPER -1	MENTAL ABILITY TEST (MAT)	100	Q.1 - Q.100	100	120 Min	NO NEGATIVE MARKING IN BOTH PAPERS
PAPER -2	SCHOLASTIC APTITUDE TEST (SAT)	100	Phy. Q.1 - Q.14 Chem. Q.15 - Q.27 Bio. Q.28 - Q.40 Maths. Q.41 - Q.60 SST - Q.61 - Q.100	100	120 Min	