

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	Measurement, Motion, Force and NLM, Work, Energy, Power	Atomic Structure, Mole Concept	Life and its Diversity, Levels of Organisation of life	Algebra, Arithmetic, Statistics, Mensuration	History: Historical derivation of land and source of history, The evolution of Indian society, Vedic Civilisation, Ancient India, Jainism and Buddhism, The Growth of Kingship, The Delhi Sultanate, The Mughal Empire, Sufi and Bhakti Movements, Periodisation in History.
2	Review Test -2	31/07/2022	9	Matter Structure and Properties, Heat, Sound	Solution and Separation Of Components Of Mixture, Acids, Bases And Salts, Water	Physiological Processes of Life, Biology and Human Welfare, Environment and its Resources	Geometry, Co-ordinate geometry, Set Theory, Probability Theory	Geography: Earth as a planet, Movements of Earth, Determination of Location of a place on Earth's surface, Geomorphic processes and landforms of Earth, Weathering, Hazards and Disasters, Resources and Development, Minerals and Energy Resources, West Bengal, Maps and Scale.
3	Minor Test-1	14/08/2022	10	Thermal Phenomena	Behaviour Of Gases, Chemical Calculations	Control and Coordination in Living Organisms	Arithmetic, Mensuration	History: The advent of Europeans to India, The foundation of British Administration and its History: The advent of Europeans to India, The foundation of British Administration and its effects, Social and Religious reforms,
4	Minor Test-2	28/08/2022	10	Light	Periodic Table, Chemical Bonding, Electricity And Chemical Reactions	Continuity of Life	Algebra	The First war of Independence, Effects of British rule, The Freedom Struggle, India after Independence, The Political dimensions of 20th CE, First World War, Russian Revolution, League of Nations, Development of Nazism and Fascism, Second World War, United Nations Organisation, Cold War.
5	Minor Test-3	11/09/2022	10	Current Electricity	Inorganic Chemistry In The Laboratory And In Industry, Metallurgy	Heredity and Common Genetic Diseases, Evolution and Adaptation	Geometry	Civics: The Indian Constitution, Democracy in India, Functioning of Indian Democracy Geography: Lithosphere, Hydrosphere, Atmosphere, India-Size and Location,
6	Minor Test-4	25/09/2022	10	Concerns About Our Environment, Atomic Nucleus	Organic Chemistry	Environment, its Resources and their Conservation	Trigonometry, Height and Distance, Statistics	Physical Divisions of India, Drainage, Climate, Natural Vegetation and Wildlife, Agriculture, Manufacturing Industries, Lifelines of National Economy Economics: Development, Money and Credit, Globalisation and Indian Economy
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	