SYLLABUS OF MAT

Test No	Test Name	Test date	Class	MENTAL ABILITY
1	Review Test -1	05/07/2020	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Review Test -2	02/08/2020	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, PuzzleTest, Analytical Reasoning, Mirror image, Water image
3	Minor Test-1	16/08/2020	10	Number, Ranking & Ordering Test, Alpha- Numeric Sequence Puzzle, Inserting the missing Character, Arithmetical Reasoning , Spotting Out the Embedded Figure, Completion of incomplete Pattern, Figure Matrix, Paper Folding & Paper Cutting
4	Minor Test-2	30/08/2020	10	Blood Relation, Data Sufficiency, Dice & Cube, Dot Situation, Grouping of identical figure, Constrution of Shapes ,Statement and Conclusion
5	Minor Test-3	13/09/2020	10	Calender, Sequential Output Tracing, Arithmetical Reasoning, Verbal & Non Verbal Series, Coding & Decoding
6	Minor Test-4	27/09/2020	10	Clock, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification, Logical Venn Diagram, Puzzle Test
7	Mock Test -1	11/10/2020	9 & 10	Full Syllabus
8	Mock Test -2	25/10/2020	9 & 10	Full Syllabus

SYLLABUS OF SAT

Test No	Test Name	Test date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Review Test -1	05/07/2020	9	Motion, Force and NLM Work Power & Energy Measurement	Atomic structure, Mole concept	Life and its diversity, Levels of organisation of life	Real Numbers,Laws of Indices, Rectangular Cartesian Co-ordinates and Graph, Linear Simultaneous Equation, Polynomial, Factorisation, Logarithm, Profit and Loss, Frequency Distribution, Frequency Distribution Polygon, Area and Perimeter(Triangle and Quadrilateral), Area and Perimeter(Circle)	**History:** Historical derivation of land and source of history, The evolution of Indian society, Vedic Civilisation, Ancient India, Jainism and Buddhism, The Growth of Buddhism, The Delhi Sultanate, The Mughal Empire, Sufi and Bhakti Movements, Periodisation in History
2	Review Test -2	02/08/2020	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	Properties of Parallelogram, Transversal & Mid-point Theorem, Theorems on Area, Theorems on Concurrence, Construction, Proofs of Some Important Theorems, Distance Formula, Internal and External Division of Straight Line Segment, Area of Triangular Region, Set Theory, Operations on sets, Probability	**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	16/08/2020	10	Thermal Phenomena	Behaviour of gases, Chemical calculations	Control and coordination in living organisms	Simple Interest, Rectangular Parallelopiped or cuboid, Compound Interest and Uniform Rate of Increase or Decrease, Right Circular Cylinder, Sphere, Partnership Business, Right Circular Cone, Real life Problems related to different Solid Objects	**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	30/08/2020	10	Light	Periodic table, chemical bonding, Electricity and chemical reaction	Continuity of life	Quadratic Equations in One Variable, Ratio and Proportion, Quadratic Surd, Variation	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	13/09/2020	10	Current Electricity	Inorganic chemistry in the laboratory and in industry, Metallurgy	Heredity and common genetic diseases, Evolution and adaptation	Theorems Related to Circles, Theorems Related to Angles in a Circle, Theorems Related to Cyclic Quadrilateral,Construction, Theorems Related to Tangent to a Circle, Similarity	**Civics:** The Indian Constitution, Democracy in India, Functioning of Indian Democracy Geography: Lithosphere, Hydrosphere, Atmosphere, Atmosphere, India-Size and Location
6	Minor Test-4	27/09/2020	10	Concerns about our environment, Atomic Nucleus	Organic chemistry	Environment, its resources and their conservation	Trigonometry, Pythagores Theorem, Trigonometric Ratios and Trigonometric Identities, Trigonometric Ratios of Complementary Angles, 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	Mock Test -1	11/10/2020	9 & 10	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
8	Mock Test -2	25/10/2020	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	
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	**NO NEGATIVE MARKING IN BOTH PAPERS**