

**SYLLABUS OF MAT**

Test No	Test Name	Test date	Class	MENTAL ABILITY
1	Minor Test 1	19/07/2020	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Minor Test 2	30/08/2020	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, PuzzleTest, Analytical Reasoning, Mirror image, Water image
3	Minor Test 3	11/10/2020	9	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 4	22/11/2020	9	Blood Relation, Dice & Cube, Dot Situation, Figure Matrix, Figure Formation & Grouping of identical figure, Coding & Decoding, Logical Venn Diagram, Puzzle Test
5	Major test 1	27/12/2020	9	Full syllabus
6	Major test 2	24/01/2021	9	Full syllabus

**SYLLABUS OF SAT**

Test No	Test Name	Test date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Minor Test 1	19/07/2020	9	Motion	Matter -Nature and behaviour	Fundamental unit of life : Cell	History of Mathematics, Real Numbers, Exponent, Polynomials	India – An Introduction, The Physical Features of the Indian Subcontinent, 3. India's Climate, The Rivers of India and their Drainage System, Natural Vegetation and Communities Dependent on Forests
2	Minor Test 2	30/08/2020	9	Force and NLM	Structure of atom	Multicellular structure: Tissue, Our health	Linear Equation of two Variables, Playing With Numbers, Comparing Quantity, Trigonometrical Ratio & Identities	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), The Industrial Revolution and Social Change (1750-1900), Colonialism
3	Minor Test 3	11/10/2020	9	Gravitation	Chemical bonding, Chemical formula and mole concept, Chemical reaction and equations	Biodiversity and classification	Straight line and Angle, Congruency of Triangles, Quadrilaterals, Parallelograms	The Idea of Democracy and its Spread, The Main Features of democracy , Rights , Gender Equality and Women's Rights
4	Minor Test 4	22/11/2020	9	Work, Power, Energy , waves and Sound	Coal , Petroleum and hydrocarbon	Habitat, Waste and its management	Transformation & Symmetry in Geometrical Shapes, Geometrical Constructions, Sector of a Circle & length of Arc, Cube and Cuboid, Data Handling and Analysis	Understanding Economic Activities, The Nature of the Indian Economy Part 1, The Nature of the Indian Economy Part 2 , How does Production take Place?
5	Major test 1	27/12/2020	9	full syllabus	full syllabus	full syllabus	full syllabus	full syllabus
6	Major test 2	24/01/2021	9	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	<b>NO NEGATIVE MARKING IN BOTH PAPERS</b>
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	