

**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 in our surroundings	Cell , Improvement in food resources	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables	The French Revolution, The Russian Revolution, Nazism and Rise of Hitler, Forest Society & Colonialism, Pastoralists in the Modern World, Peasants & Farmers, History and Sport - The Story of Cricket, Clothing - A Social History
2	Minor Test 2	30/08/2020	9	Force and NLM	Is matter around us pure	Tissues	Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	Democracy in Contemporary World, What is Democracy, Why Democracy, Constitutional Design, Electoral Politics, Working of Institutions, Democratic Rights
3	Minor Test 3	11/10/2020	9	Fluid mechanics Gravitation	Atoms and molecules	Diversity in living organism	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions	India Size And Location, Physical Features of India, Drainage, Climate, Natural Vegetation and Wildlife, Population
4	Minor Test 4	22/11/2020	9	Work, Power, Energy Sound	Structure of atom	Why do we fall ill, Natural resources	Surface Areas and Volumes, Statistics, Probability	The Story Of Village Palampur, People as resources, Poverty As a Challenge, Food Security in India
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	