

**SYLLABUS OF MAT**

Test No	Test Name	Test date	Class	MENTAL ABILITY
1	Minor Test 1	25/07/2021	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Minor Test 2	05/09/2021	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Puzzle Test, Analytical Reasoning, Mirror image, Water image
3	Minor Test 3	31/10/2021	9	Number, Ranking & Ordering 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	28/11/2021	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	19/12/2021	9	Full syllabus
6	Major Test 2	30/01/2022	9	Full syllabus

**SYLLABUS OF SAT**

Test No	Test Name	Test date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Minor Test 1	25/07/2021	9	Motion	Matter in our surroundings	Cell, Improvement in food resources	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables	History - French Revolution, Socialism in Europe & Russian Revolution, Nazism and the Rise of Hitler, Forest Society and Colonialism, Pastoralists in the Modern World
2	Minor Test 2	05/09/2021	9	Force and NLM,	Is matter around us pure	Tissues	Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	Geography- India- Size & Location, Physical Features of India, Climate, Drainage, Natural Vegetation & Wildlife, Population
3	Minor Test 3	31/10/2021	9	Thrust & Pressure, Gravitation	Atoms and molecules	Diversity in living organism	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions	Civics - Democracy in the Contemporary World, What is Democracy? & Why Democracy?, Constitutional Design, Democratic Rights, Electoral Politics, Working of Institutions
4	Minor Test 4	28/11/2021	9	Work, Power, Energy, Sound	Structure of atom	Why do we fall ill, Natural resources	Surface Areas and Volumes, Statistics, Probability	Economics - The Story of Village Palampur, People As a Resource, Food Security in India, Poverty As a Challenge
5	Major Test 1	19/12/2021	9	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
6	Major Test 2	30/01/2022	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	