

### SYLLABUS OF MAT

Test No	Test Name	Test date	Topics of Class	MENTAL ABILITY
1	Minor Test 1	08/07/2018	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Minor Test 2	19/08/2018	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Puzzle Test, Analytical Reasoning, Mirror image, Water image
3	Minor Test 3	07/10/2018	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	16/12/2018	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	13/01/2019	9	Full Syllabus
6	Major Test 2	27/01/2019	9	Full Syllabus

### SYLLABUS OF SAT

Test No	Test Name	Test date	Topics of Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Minor Test 1	08/07/2018	9	Motion	Matter in our surroundings	Cell, Improvement in food resources	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables	<b>History</b> - French Revolution, Russian Revolution, Nazism and the Rise of Hitler, Forest, Society and Colonialism, Peasants & Framers, Pastoralists in the Modern World, Clothing, The Story of Cricket
2	Minor Test 2	19/08/2018	9	Force and NLM	Is matter around us pure	Tissues	Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	<b>Geography</b> - India- Size & Location, Physical features of India, Climate, Drainage, Natural Vegetation & Wildlife, Population
3	Minor Test 3	07/10/2018	9	Fluid mechanics Gravitation	Atoms and molecules	Diversity in living organism	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions	<b>Civics</b> - Democracy in the Contemporary World, What is Democracy & Why Democracy, Constitutional Design, Democratic Rights, Electoral Politics, Working of Institutions
4	Minor Test 4	16/12/2018	9	Work, Power, Energy Sound	Structure of atom	Why do we fall ill, Natural resources	Surface Areas and Volumes, Statistics, Probability	<b>Economics</b> - The Story of Village Palampur, People as a Resource, Food Security, Poverty as a Challenge
5	Major Test 5	13/01/2019	9	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
6	Major Test 6	27/01/2019	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-I	Mental Ability Test (MAT)	100	Q.1-Q.100	100	120 min.	<b>NO NEGATIVE MARKING IN BOTH PAPERS</b>
PAPER-II	Scholastic Aptitude Test (SAT)	100	Phy- Q.1-Q.14 Che-Q.15-Q.27 Bio-Q.28-Q.40 Maths-Q.41-Q.60 SST-Q.61-Q.100	100	120 min.	