

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	Properties of matter	Cell, Food resources	Set Operations, Number System, Polynomials, Coordinate Geometry, Linear equations in two variables	History : Contemporary streams of world history, Influence of British rule in India and Nationalised Movement, March towards achievement of Independence
2	Minor Test 2	19/08/2018	9	Force and NLM	Structure of atom	Tissues	Structure of Geometry, Some Primary Concepts in Geometry :1, Some Primary Concepts in Geometry :2, Triangle	World after 1945- I, World after 1945-II, Post Independence India- I, Post Independence India- II Civics : Framing of the Constitution and its salient features
3	Minor Test 3	07/10/2018	9	Fluid mechanics Gravitation	Periodic classification of elements	Diversity in living organism-I & II	Quadrilaterals, Areas of Parallelograms and Triangles, Circle, Constructions	Fundamental Rights, Fundamental Duties and Directive Principles of State Policy, Organs of government, Judiciary in India, Indian Democracy
4	Minor Test 4	16/12/2018	9	Work, Power, Energy Sound	Chemical bonding and chemical reactions	Why do we fall ill, Our natural resources	Heron's Formula, Surface Area and Volume, Statistics, Probability, Logarithm	Geological structure and Physiography, Climate, Drainage System, Natural Vegetation, Wildlife, Population.
5	Major Test 1	13/01/2019	9	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
6	Major Test 2	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.	NO NEGATIVE MARKING IN BOTH PAPERS
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.	