

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, Data Sufficiency, Dice & Cube, Dot Situation, Grouping of identical figure, Construction of Shapes & Boxes.
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 -Nature and behaviour	Cell and structure of cell, Cell division, Nutrition and health	History of Mathematics and Simple method of Calculation, Rational and Irrational Numbers, Surds, Laws of Indices and Logarithms, Polynomials	History- Rise and development of human civilization, The medieval India and world, Modern Age
2	Minor Test 2	19/08/2018	9	Force and NLM	Structure of atom	Tissue, Human and diseases	Linear Equation of two Variables, Compound interest, Instalment Scheme, Trigonometry	History- The National Movement - before and after independence, Civics- Constitution of India, Democracy and Franchise, International Relations
3	Minor Test 3	07/10/2018	9	Science- History and discoveries, Universe, Space exploration, Heat and temperature	Chemical bonding, Chemical reaction,	Diversity in life, our environment	Fundamental Concept of Geometry, Straight line, Angle and Triangle, Congruency of Triangles, Locus, Parallelograms	Geography- Geographical features of India, The rivers and climate of India, Geographical environment of Chhattisgarh, Natural vegetation and Wildlife
4	Minor Test 4	16/12/2018	9	Work, Power, Energy, waves and Sound	Coal, Petroleum and hydrocarbon, Periodic classification of elements	Natural resources, Food resources(plants and animals)	Linear Symmetry, Geometrical Constructions, Mensuration, Statistics, Computer, Mathematical Logic	Geography- Map Drawing Economics - Economics and its Division, The mixed economy of India, Sources of Income of the State, Consumer Awareness
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.	