

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 sequenceTest, 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, Force and NLM	Atomic structure, Mole concept	Life and its diversity	Real Numbers, Laws of Indices, Rectangular Cartesian Co-ordinates and Graph, Linear Simultaneous Equation, Polynomial, Factorisation, Logarithm	Historical derivation of land and source of history, The evolution of Indian society, Vedic Civilisation, Ancient India
2	Minor Test 2	30/08/2020	9	Work, Power, Energy Measurement	Solution and separation of components of mixture	Levels of organisation of life	Profit and Loss, Frequency Distribution, Frequency Distribution Polygon, Area and Perimeter(Triangle and Quadrilateral), Area and Perimeter(Circle)	Jainism and Buddhism, The Growth of Buddhism, The Delhi Sultanate, The Mughal Empire, Sufi and Bhakti Movements, Periodisation in History.
3	Minor Test 3	11/10/2020	9	Matter: Structure and properties	Acids, bases and salts	Physiological processes of life	Properties of Parallelogram, Transversal & Mid-point Theorem, Theorems on Area, Theorems on Concurrence, Construction, Proofs of Some Important Theorems	Geography: Earth as a planet, Movements of Earth, Determination of Location of a place on Earth's surface, Geomorphic processes and landforms of Earth
4	Minor Test 4	22/11/2020	9	Heat, Sound	Water	Biology and human welfare, environment and its resources	Distance Formula, Internal and External Division of Straight Line Segment, Area of Triangular Region, Set Theory, Operations on sets, Probability	Weathering, Hazards and Disasters, Resources and Development, Minerals and Energy Resources, West Bengal, Maps and Scale.
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	NO NEGATIVE MARKING IN BOTH PAPERS
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	