

### SYLLABUS OF MAT

Test No	Test Name	Test date	Class	MENTAL ABILITY
1	Minor Test-1	17/7/2022	9	Verbal & Non Verbal Series, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification
2	Minor Test-2	14/8/2022	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Mirror image, Water image
3	Minor Test-3	11/9/2022	9	Number, Ranking & Time sequence Test, Alpha- Numeric Sequence Puzzle, Spotting Out the Embedded Figure, Completion of incomplete Pattern
4	Minor Test-4	9/10/2022	9	Blood Relation, Dice & Cube, Dot Situation, Figure Matrix, Figure Formation & Grouping of identical figure, Statement conclusion
5	Minor Test-5	13/11/2022	9	Coding & Decoding, PuzzleTest, Analytical Reasoning, Logical sequence of Words, Paper Folding & Paper Cutting
6	Minor Test-6	27/11/2022	9	Inserting the missing Character, Arithmetical Reasoning, Dice & Cube, Dot Situation, Logical Venn Diagram, Completion of incomplete Pattern
7	Major Test-1	25/12/2022	9	Full syllabus
8	Major Test-2	22/01/2023	9	Full syllabus

### SYLLABUS OF SAT

Test No	Test Name	Test date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Minor Test-1	17/7/2022	9	Measurement	Atomic Structure, Mole Concept	Life and its diversity	Algebra(Real Numbers, Laws of Indices, Rectangular Cartesian Co-ordinates and Graph, Linear Simultaneous Equation)	Historical derivation of land and source of history, The evolution of Indian society, Vedic Civilisation
2	Minor Test-2	14/8/2022	9	Motion	Solution And Separation Of Components Of Mixture	Levels of Organisation of life	Algebra(Polynomial, Factorisation, Logarithm), Arithmetic,	Ancient India, Jainism and Buddhism, The Growth of Kingship, The Delhi Sultanate
3	Minor Test-3	11/9/2022	9	Force and NLM	Acids, Bases And Salts	Physiological processes of life	Geometry	The Mughal Empire, Sufi and Bhakti Movements, Periodisation in History, Earth as a planet
4	Minor Test-4	9/10/2022	9	Matter Structure and Properties	Water	Biology and human welfare,	Co-ordinate geometry,	Movements of Earth, Determination of Location of a place on Earth's surface, Geomorph processes and landforms of Earth
5	Minor Test-5	13/11/2022	9	Work, Energy, Power	Solution And Separation Of Components Of Mixture	Environment and its resources	Statistics, Mensuration	Weathering, Hazards and Disasters, Resources and Development
6	Minor Test-6	27/11/2022	9	Heat, Sound	Atomic Structure, Mole Concept	Life and its diversity, Levels of Organisation of life	Set Theory, Probability Theory	Minerals and Energy Resources, West Bengal, Maps and Scale
7	Major Test-1	25/12/2022	9	Full syllabus	Full Syllabus	Full syllabus	Full syllabus	Full syllabus
8	Major Test-2	22/01/2023	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	