

### 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	Motion	Matter In Our Surroundings	Cell	Number System, Polynomials	Punjab: Physical features & its Impact, Guru Nanak Ji and Contemporary Society, Development of Sikh Religion (1539-1581 CE), Shri Guru Arjun Dev Ji- Contribution in Development of Sikhism and his Martyrdom
2	Minor Test-2	14/8/2022	9	Force and NLM	Is Matter Around Us Pure	Tissues	Introduction to Euclid's geometry, Lines and angles, Triangles,	The French Revolution, Russian Revolution, Forest Society and Colonialism, Social History of Clothing
3	Minor Test-3	11/9/2022	9	Gravitation	Atoms And Molecules	Improvement in Food Resources	Coordinate Geometry, Linear Equation in Two Variables, Heron's formula	History, Development & expansion of Modern Democracy, Democracy: Meaning & Importance, Establishment of Indian Democracy & its Nature, India's Parliamentary Democracy
4	Minor Test-4	9/10/2022	9	Thrust and Pressure	Structure Of Atom	Diversity in Living Organism	Quadrilaterals, Areas of Parallelograms and Triangles,	Democracy & Election Process, Fundamental Rights of the Citizens., India- Size & Location, Punjab- Size and Location, India- Physiographic Units
5	Minor Test-5	13/11/2022	9	Work, Energy, Power	Matter In Our Surroundings, Is Matter Around Us Pure	Why do we fall ill	Circles, Constructions	Punjab- Physical Features, India- Drainage, Punjab- Drainage, Climate, Natural Vegetation and Wildlife, Population.
6	Minor Test-6	27/11/2022	9	Sound	Atoms And Molecules, Structure Of Atom	Natural Resources	Surface Areas and Volumes, Statistics, Probability	Story of a Village, Human Resources, Poverty: Challenge facing India, Food Security in India.
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	