

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 and its organisation	Number System, Polynomials	First World War, Russian Revolution, The League of Nations, Development of Fascism and Nazism, Second World War, Nationalist Movement in Asia
2	Minor Test-2	14/8/2022	9	Force and NLM	Is Matter Around Us Pure	Tissue System	Introduction to Euclid's geometry, Lines and angles, Triangles,	Nationalist Movement in Africa, Cold War, Formation of Military Blocs: Race for armaments, Non Aligned Movement, Disintegration of Soviet Union, India's Unity in Diversity and Traditions of India,
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	Architecture, Literature, Science and Technology, Great Heritage of Odisha, Fundamental Rights, Fundamental Duties and Directive Principles of State Policy
4	Minor Test-4	9/10/2022	9	Thrust and Pressure	Structure Of Atom	Biodiversity	Quadrilaterals, Areas of Parallelograms and Triangles,	Human Rights, Right to Information (RTI) Act of India, Indian Nationalism and National Integration, Democratic Values, United Nations
5	Minor Test-5	13/11/2022	9	Work, Energy, Power	Matter In Our Surroundings, Is Matter Around Us Pure	Disease and its treatment,	Circles, Constructions	India-Size and Location, Physical divisions of India, Climate, Natural Vegetation and Wildlife
6	Minor Test-6	27/11/2022	9	Sound	Atoms And Molecules, Structure Of Atom	Natural resources and its pollution	Surface Areas and Volumes, Statistics, Probability	Population, Economic Development II, Money and Credit, Sustainable Development
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	