

**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 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	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	Matter in our surroundings	Cell and its organisation , Improvement in food resources	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables	First World War, Russian Revolution, The League of Nations, Development of Fascism and Nazism, Second World War, Nationalist Movement in Asia, Nationalist Movement in Africa, Cold War
2	Minor Test 2	30/08/2020	9	Force and NLM	Is matter around us pure	Tissue System	Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	Formation of Military Blocks: Race for armaments, Non Aligned Movement, Disintegration of Soviet Union, , India's Unity in Diversity and Traditions of India, Architecture, Literature, Science and Technology, Great Heritage of Odisha
3	Minor Test 3	11/10/2020	9	Fluid mechanics Gravitation	Atoms and molecules	Biodiversity	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions	Fundamental Rights, Fundamental Duties and Directive Principles of State Policy, Human Rights, Right to Information(RTI) Act of India, Indian Nationalism and National Integration, Democratic Values
4	Minor Test 4	22/11/2020	9	Work, Power, Energy Sound	Structure of atom	Disease and its treatment, Natural resources and its pollution	Surface Areas and Volumes, Statistics, Probability	United Nations India-Size and Location, Physical divisions of India, Climate, Natural Vegetation and Wildlife, Population Economics: Economic Development II, Money and Credit, Sustainable Development
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	<b>NO NEGATIVE MARKING IN BOTH PAPERS</b>
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	