

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, Puzzle Test, 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, Improvement in food resources	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables	Christianity and Islam, Medieval India and Political Transition, Religious reformers of India, Vijaynagar and Bahamani Kingdoms, The Moghuls and the Marathas, Bhakti Panth, Europe in the middle ages, Modern Europe, Revolution and Rise of Nation States.
2	Minor Test 2	30/08/2020	9	Force and NLM	Is matter around us pure	Tissues	Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	Making of the Indian Constitution, The Union Government, State Government, Judicial system, Indian Election System, Defence of the Nation, National Integration Family, Socialisation, Social Change, Community
3	Minor Test 3	11/10/2020	9	Fluid mechanics Gravitation	Atoms and molecules	Diversity in living organism	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions	Our state-Karnataka, Physiographic Divisions, Climate, Soil, Natural Vegetation and Animals of Karnataka, Water Resources Of Karnataka, Land resources of Karnataka, Mineral Resources, Transport, Industries of Karnataka, Major Tourist Centers of Karnataka, Population of Karnataka
4	Minor Test 4	22/11/2020	9	Work, Power, Energy Sound	Structure of atom	Why do we fall ill, Natural resources	Surface Areas and Volumes, Statistics, Probability	Labour and Employment, Natural Resources, Human Resources of India, Poverty and Hunger. Management of Business, Financial Management, Accounting in Business
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	