

SYLLABUS OF MAT

Test No	Test Name	Test date	Topics of Class	MENTAL ABILITY
1	Minor Test 1	08/07/2018	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy ,Coding & Decoding, Verbal & Non-Verbal Classification
2	Minor Test 2	19/08/2018	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test,Alphabet Test,PuzzleTest, Analytical Reasoning, Mirror image, Water image
3	Minor Test 3	07/10/2018	9	Number,Ranking & Time Sequence Test,Alpha- Numeric Sequence Puzzle,Inserting the missing Character, Arithemtical Reasoning , Spotting Out the Embedded Figure,Completion of incomplete Pattern,Paper Folding & Paper Cutting
4	Minor Test 4	16/12/2018	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	13/01/2019	9	Full Syllabus
6	Major Test 2	27/01/2019	9	Full Syllabus

SYLLABUS OF SAT

Test No	Test Name	Test date	Topics of Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Minor Test 1	08/07/2018	9	Motion	Matter in our surroundings	Cell , Improvement in food resources	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables	History - Christianity & Islam, Europe in the Middle Ages India from 9th Century A.D to 14th Century A.D. Civics - Our Constitution Geography- Our State- Karnataka, Physiographic divisions Economics - Economic Structure Sociology - Social Stratification, Social Problems
2	Minor Test 2	19/08/2018	9	Force and NLM	Is matter around us pure	Tissues	Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	History - Religious reformers of India, Vijaynagar & Bahmani Kingdoms Civics - The Union Government, State Government Geography - Climate, Soil, Natural Vegetation and animals of Karnataka, Water resources of Karnataka Land resources of Karnataka Economics - Sectors of Indian Economy, Business Studies - Management of Business
3	Minor Test 3	07/10/2018	9	Fluid mechanics Gravitation	Atoms and molecules	Diversity in living organism	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions	History - The Moghuls & the Marathas, Bhakti Panth Civics - Defence of the Nation Geography - Mineral resources, Transport Economics - Poverty and Hunger
4	Minor Test 4	16/12/2018	9	Work, Power, Energy Sound	Structure of atom	Why do we fall ill, Natural resources	Surface Areas and Volumes, Statistics, Probability	History - Modern Europe, Revolution & Rise of Nation states Civics - National Integration Geography - Industries of Karnataka, Major tourist centres of Karnataka, Population of Karnataka Economics - Labour and Employment Business Studies - Financial Management
5	Major Test 1	13/01/2019	9	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
6	Major Test 2	27/01/2019	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-I	Mental Ability Test (MAT)	100	Q.1-Q.100	100	120 min.	NO NEGATIVE MARKING IN BOTH PAPERS
PAPER-II	Scholastic Aptitude Test (SAT)	100	Phy- Q.1-Q.14 Che-Q.15-Q.27 Bio-Q.28-Q.40 Maths-Q.41-Q.60 SST-Q.61-Q.100	100	120 min.	