

SYLLABUS OF MAT

Test No	Test Name	Test date	Topics of Class	MENTAL ABILITY
1	Review Test 1	29/04/2018	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Review Test 2	13/05/2018	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Puzzle Test, Analytical Reasoning, Mirror image, Water image
3	Minor Test 1	08/07/2018	10	Number, Ranking & Time Sequence Test, Alpha-Numeric Sequence Puzzle, Inserting the missing Character, Arithmetical Reasoning, Spotting Out the Embedded Figure, Completion of incomplete Pattern, Figure Matrix, Paper Folding & Paper Cutting
4	Minor Test 2	22/07/2018	10	Blood Relation, Data Sufficiency, Dice & Cube, Dot Situation, Grouping of identical figure, Construction of Shapes & Boxes
5	Minor Test 3	05/08/2018	10	Calendar, Sequential Output Tracing, Eligibility Test, Verbal & Non Verbal Series, Coding & Decoding
6	Minor Test 4	02/09/2018	10	Clock, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification, Logical Venn Diagram, Puzzle Test
7	Major Test 1	16/09/2018	9 & 10	Full Syllabus
8	Major Test 2	21/10/2018	9 & 10	Full Syllabus

SYLLABUS OF SAT

Test No	Test Name	Test date	Topics of Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Review Test 1	29/04/2018	9	Motion, Force and NLM, Gravitation	Matter in our surroundings, Is matter around us pure	Cell, Life Simple and Complex, Life around you, Highway to health	Sets, Real numbers, Algebraic Expressions, Graphs, Linear Equation of two Variables, Ratio Proportion and Variation, Statistics	History - Ch-1- Ancient & Medieval Civilization Ch-2- Renaissance & Feudalism Ch-3- Age of Revolutions Political Science - Ch-4- Introduction to Political Science Ch-5- Making of Constitution Ch-6- Fundamental rights & duties- Ch-7- Election Process
2	Review Test 2	13/05/2018	9	Fluid mechanics Work, Power, Energy Sound	Atoms and molecules, Structure of atom	Quality food Quality life, Bonding with ecosystem, Striving for better environment, Solid waste: Ecofriendly management	Lines and Angles, Triangles, Congruence of triangles, Quadrilateral, Circles, Coordinate geometry, Geometric constructions, Trigonometry, Mensuration	Geography - Ch-8- Concept of region Ch-9- Maharashtra- Natural Resources Ch-10- Occupation Ch-11- Agriculture Ch-12- Industries Ch-13- Transport, Communication & Tourism Ch-14- Population Ch-15- Regional Development Economics - Ch-16- Introduction of Economics Ch-17- Basic concepts of Economics Ch-18- Sources of Income Ch-19- Family Budget
3	Minor Test 1	08/07/2018	10	Gravitation, Space Mission	Periodic classification of elements	Nutrition, Respiration, Transportation in plants and animals	Arithmetic Progression, Linear equations in two variables, Quadratic Equations	History - Ch-1- Geographical discoveries & imperialism Ch-2- Imperialism in Asia Ch-3- Imperialism in Africa Ch-4- First World War Ch-5- Russian Revolution Ch-6- League of Nations Ch-7- Dictatorship in Europe Ch-8- United Nations Organisations Ch-9- Emancipation in Asia Ch-10- Emancipation in Africa
4	Minor Test 2	22/07/2018	10	Effects of Electric current	Chemical reactions and Chemical equations	Excretion, The regulators of life	Financial Planning, Probability, Statistics	History - Ch-11- Cold War Ch-12- Progress in Science & Technology Ch-13- Globalization Political Science - Ch-14- Democracy- Meaning, Types & Characteristics Ch-15- Political Parties Ch-16- Democracy & Diversity Ch-17- Challenges to Democracy
5	Minor Test 3	05/08/2018	10	Refraction of light, lenses	Metals and Non-metals	The Life cycle, Mapping our genes	Similarity, Pythagorean theorem, Circle, Geometrical Construction	Geography - Ch-18- The Physical Divisions of India Ch-19- The Northern Mountain Region Ch-20- The Northern Plain Region- Desert Ch-21- The Northern Plain Region- Western (Punjab & Haryana) Ch-22- The Northern Plain Region- Central Delta and Eastern
6	Minor Test 4	02/09/2018	10	Heat	Carbon and its compounds	Introduction to microbiology, Cell biology and biotechnology, Disaster management	Coordinate Geometry, Trigonometry, Mensuration	Geography - Ch-23- The Peninsular Plateau Region- Central Highlands Ch-24- The Peninsular Plateau Region- Deccan Ch-25- The Ghats, Coastal Plains and Islands Economics - Ch-26- Introduction of an Economy Ch-27- The basic problems of an Economy & Solutions Ch-28- Inflation Ch-29- The Public Distribution System & Consumer Protection
7	Major Test 1	16/09/2018	9 & 10	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
8	Major Test 2	21/10/2018	9 & 10	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus

NTSE STAGE I PAPER PATTERN AND MARKING SCHEME-2019

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.	