

### 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, Improvement in food resources, Tissues	Sets, Real numbers, Algebraic Expressions, Graphs, Linear Equation of two Variables, Ratio Proportion and Variation, Statistics	<b>History</b> - Historiography: Development in the West., Historiography: Indian Tradition, Applied History <b>Political Science</b> - Working of the Constitution, The Electoral Process
2	Review Test 2	13/05/2018	9	Fluid mechanics Work, Power, Energy Sound	Atoms and molecules, Structure of atom	Diversity in living organism, Why do we fall ill, Natural resources	Lines and Angles, Triangles, Congruence of triangles, Quadrilateral, Circles, Coordinate geometry, Geometric constructions, Trigonometry, Mensuration	<b>Geography</b> - Location and Extent, Physiography and Drainage, Climate <b>Economics</b> - Introduction of Economics, Basic concepts of Economics, Sources of Income, Family Budget
3	Minor Test 1	08/07/2018	10	Electricity	Chemical reactions and Chemical equations, Acids, bases and salts	Nutrition, Respiration, Excretion	Arithmetic Progression, Linear equations in two variables	<b>History</b> - History of Indian Arts, Mass Media and History, Entertainment and History, Sports and History
4	Minor Test 2	22/07/2018	10	Magnetism	Metals and Non-metals	Transportation, Control and coordination	Quadratic Equations, Probability, Statistics	<b>History</b> - Tourism and History, Heritage Management <b>Political Science</b> - Political Parties, Social and Political Movements, Challenges faced by Indian Democracy.
5	Minor Test 3	05/08/2018	10	Light	Periodic classification of elements	Reproduction, Heredity and Evolution	Similarity, Circle, Coordinate Geometry	<b>Geography</b> - Natural Vegetation and Wildlife, Population, Human Settlements
6	Minor Test 4	02/09/2018	10	Sources of energy Heat	Carbon and its compounds	Our environment, Management of natural resources	Geometrical Construction, Trigonometry, Mensuration	<b>Geography</b> - Economy and Occupations, Tourism, Transport and Communication <b>Economics</b> - Introduction of an Economy- The basic problems of an Economy & Solutions, Inflation, 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.	<b>NO NEGATIVE MARKING IN BOTH PAPERS</b>
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.	