

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	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables, Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	Ancient India, Medieval India, Major Cultural Trends, Concept of Democracy, Election, Constitutional rights and duties of a citizen, Man & Environment, India: Size & Location
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	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions, Surface Areas and Volumes, Statistics, Probability Geometrical Constructions, Statistics	Physical divisions of India, Climate, Drainage, Natural Vegetation & Wildlife, Population, Map: Study & Depiction, Development of Rural Economy, Economic Challenges Facing India, Food Security
3	Minor Test 1	08/07/2018	10	Electricity	Chemical reactions and Chemical equations, Acids, bases and salts	Nutrition, Respiration, Excretion	Real Numbers, Polynomials, Pair Of Linear Equations in Two Variables	The First Freedom Struggle of 1857, National awakening and establishment of political organisation in India, Indian Constitution, Functioning of Indian democracy, Main challenges before Indian democracy
4	Minor Test 2	22/07/2018	10	Magnetism	Metals and Non-metals	Transportation, Control and coordination	Quadratic Equations, Arithmetic Progressions, Triangles, Construction	Freedom movement and related events, Contribution of Madhya Pradesh in Freedom Struggle, Important events of post independent India, Resources of India I, Resources of India II
5	Minor Test 3	05/08/2018	10	Light	Periodic classification of elements	Reproduction, Heredity and Evolution	Coordinate Geometry, Introduction to trigonometry, Some applications of Trigonometry, Circles	Industries in India, Transport Communication & Foreign Trade, Map reading & depiction, Money & Financial System, Economy: Service Sector & Infrastructure, Consumer Awareness
6	Minor Test 4	02/09/2018	10	Sources of energy Heat	Carbon and its compounds	Our environment, Management of natural resources	Area related to circles, Surface Area and Volume, Statistics, Probability	Natural disasters & Disaster Management, Economic development & planning, Rural development and Employment Guarantee Scheme, Economic system, Globalisation
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.	