

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, PuzzleTest, 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, Arithmatical 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	Calender, 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, DI
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	Science- History and discoveries, Universe, Motion, Force and NLM	Matter -Nature and behaviour, Structure of atom, Periodic classification of elements	Cell and structure of cell, Cell division, Nutrition and health, Tissue, Human and diseases	History of Mathematics and Simple method of Calculation, Rational and Irrational Numbers, Surds, Laws of Indices and Logarithms, Polynomials, Linear Equation of two Variables, Compound interest, Instalment Scheme, Trigonometry	History - Ch-1-Rise and development of human civilization, Ch-2- The medieval India and world, Ch-3- Modern Age, Ch-4- The National Movement - before and after independence Civics - Ch-5- Constitution of India, Ch-6- Democracy and Franchise, Ch-7- International Relations
2	Review Test 2	13/05/2018	9	Heat, Work power energy and Waves and energy	Chemical bonding, Chemical reaction, Coal , Petroleum and hydrocarbon	Diversity in life, our environment, Natural resources, Food resources (plants and animals)	Fundamental Concept of Geometry, Straight line, Angle and Triangle, Congruency of Triangles, Locus, Parallelograms, Linear Symmetry, Geometrical Constructions, Mensuration, Statistics, Computer, Mathematical Logic	Geography - Ch-8- Geographical features of India, Ch-9- The rivers and climate of India, Ch-10- Geographical environment of Chattisgarh, Ch-11- Natural vegetation and Wildlife, Ch-12- Map Drawing Economics - Ch-13- Economics and its Division, Ch-14- The mixed economy of India, Ch-15- Sources of Income of the State, Ch-16- Consumer Awareness
3	Minor Test 1	08/07/2018	10	Light	Rate of chemical reaction and chemical equilibrium	Animal nutrition, Photosynthesis, Respiration	Rational Expression, Ratio and Proportion, Quadratic Equation	History - Ch-1-World after 20th Century, Ch-2- Rise of Nationalism Ch-3-World after 1945
4	Minor Test 2	22/07/2018	10	Electricity	Important organic compounds	Transport in plants and animals, Excretion	Arithmetic Series, Banking and Income Tax, Co-ordinate Geometry	History - Ch-4- Cultural heritage of India Civics - Ch-5-Nature of Union and State Government, Ch-6- Social Awakening
5	Minor Test 3	05/08/2018	10	Magnetism	Metal and metallurgy , Non -metals	Control and coordination, Reproduction and growth	Similar Triangle, Circle, Geometrical Construction	Economics - Ch- 7- Economic Problems and Challenges, Ch-8- Consumer Surplus, Ch-9- Population Explosion, Ch-10- Division of labour
6	Minor Test 4	02/09/2018	10	Sources of energy	Important inorganic compound	Heredity and evolution, Our environment	Trigonometry, Mensuration, Computer, Arithmetic Mean, Median, Mode, Pie-chart and Probability	Geography - Ch-11- Natural resources and agriculture, Ch-12- Minerals and energy resource, Ch-13- Manufacturing Industries, Ch-14- Map Drawing
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.	