

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 Work Power & Energy Measurement	Atomic structure, Mole concept	Life and its diversity, Levels of organisation of life	Algebra, Arithmetic, Statistics, Mensuration	History - Ch-1-Historical derivation of land and Source of History, Ch-2- In the earliest cities, Ch-3-What book and burials tell us. Ch-4-Economic and social evolution of ancient Indian civilization ch-5-New question and ideas ch-6-Kings kingdom and early republics ch-7-first Empire and Inspiring emperor, Ch-8- Rise of different royal dynasties- Khusanas, Satabahanas, Ch-9-4th - 7th century -Gupta dynasty, Ch-10-New kings and kingdom Ch-11-The legacy of ancient India, Ch-12-Delhi Sultanate Ch-13-Mughal Empire, Ch-14-Sufi and bhakti movement with flowering of regional culture
2	Review Test 2	13/05/2018	9	Matter: Structure and properties, Heat, Sound	Solution and separation of components of mixture, Acids bases and salts, Water	Physiological processes of life, Biology and human welfare, environment and its resources	Geometry, Co-ordinate geometry, Set Theory, Probability Theory	GEOGRAPHY - Ch-17-Earth as a Planet, Ch-18-Movements of the Earth, Ch-19- Determination of location of a place on the earth's surface(LATITUDE n LONGITUDE), Ch-20-Geomorphic Process and Landforms of the Earth, Ch-21-Physical Features of India, Ch-22-Weathering, Ch-23-Hazards & Disasters Ch-24-Resources of India, Ch-25-West Bengal - Maps and Scales, CIVICS -Ch-26- Constitution of Independent India, Ch-27-Fundamental Right
3	Minor Test 1	08/07/2018	10	Thermal Phenomena	Behaviour of gases, Chemical calculations	Control and coordination in living organisms	Arithmetic, Mensuration	History - Ch-1- Expansion of British Empire in India (1765-1856 AD), Ch-2- British Raj, Ch3- Protest, Resistance and Uprisings, Ch-4- Genesis of Indian Nationalism
4	Minor Test 2	22/07/2018	10	Light	Periodic table, chemical bonding, Electricity and chemical reaction	Continuity of life	Algebra	History - Ch-5- Early Phase of the Indian National Congress, Ch-6-Imperialism and the Background of First World War, Ch-7- Background of World War II, Ch-8- Main Stages of National Movement in India : 1930-1947 A.D. Ch-9-Search for Peace in the Post-war World
5	Minor Test 3	05/08/2018	10	Current Electricity	Inorganic chemistry in the laboratory and in industry, Metallurgy	Heredity and common genetic diseases, Evolution and adaptation	Geometry	Geography - Ch-10- Exogenetic Processes and Resultant Landforms; Ch-11- Atmosphere Ch-12-Hydrosphere Ch-13-Waste Management
6	Minor Test 4	02/09/2018	10	Concerns about our environment, Atomic Nucleus	Organic chemistry	Environment, its resources and their conservation	Trigonometry, Height and Distance, Mensuration	Geography - Ch-14- India; Ch-15-Satelite Imaginary and Topography Map; ECONOMICS - Ch-16- Money and credit; Ch-17- Globalization, Ch-18- Sectors of Indian economy
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.	