

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
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	History - Christianity & Islam, Europe in the Middle Ages, India from 9th Century A.D to 14th Century A.D., Religious reformers of India Vijaynagar & Bahmani Kingdoms Civics - Our Constitution, The Union Government Geography - Our State- Karnataka, Physiographic divisions, Climate, Soil, Natural Vegetation and animals of Karnataka, Water resources of Karnataka, Land resources of Karnataka Sociology - Social Stratification
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	History - The Moghuls & the Marathas, Bhakti Panth, Modern Europe, Revolution & Rise of Nation states Civics - State Government, Defence of the Nation Geography - National Integration, Geography, Mineral resources, Transport, Industries of Karnataka, Major tourist centres of Karnataka, Population of Karnataka Sociology - Labour
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	History - The Advent of Europeans to India, Kannada speaking areas during Colonial rule Folk History Civics - problems of India and their remedies Geography - India- Our Motherland, Physical features of India, Indian Monsoon-Seasons and Their features Economics - Development, Money and Credit Sociology - Social Movements, Social Problems
4	Minor Test 2	22/07/2018	10	Magnetism	Metals and Non- metals	Transportation, Control and coordination	Quadratic Equations, Arithmetic Progressions, Triangles, Construction	History - The Foundation of British Administration and its effects, Social and religious reforms Civics - Foreign policy of India, India's relationship with other countries Geography - Soils of India, Forests of India, Water Resources Economics - Rural Development Business Studies - Bank Transactions, Globalisation Economics - Economy and Government
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	History - The First War of Indian Independence(1857 A.D), Effects of British rule in India, The Freedom Struggle Civics - World problems and India's role Geography - Land use and agriculture in India, Mineral and Power Resources, Transport system of India Business Studies - Bank Transactions Economics - Rural Development
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	History - India after independence, The political dimensions of the 20th Century Civics - World Organisations Geography - Major industries of India, Communication, Natural disasters, Population of India Economics - Public finance and budget Business Studies - Consumer Education and 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.	