

SYLLABUS OF MAT

Test No	Test Name	Test date	Class	MENTAL ABILITY
1	Review Test -1	17/07/2022	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Review Test -2	31/07/2022	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Puzzle Test, Analytical Reasoning, Mirror image, Water image
3	Minor Test-1	14/08/2022	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, Paper Folding & Paper Cutting
4	Minor Test-2	28/08/2022	10	Blood Relation, Data Sufficiency, Dice & Cube, Dot Situation, Figure Matrix, Figure formation, Grouping of identical figure, Construction of Shapes
5	Minor Test-3	11/09/2022	10	Calendar, Sequential Output Tracing, Verbal & Non Verbal Series, Coding & Decoding, Statement conclusions
6	Minor Test-4	25/09/2022	10	Clock, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification, Logical Venn Diagram, Puzzle Test
7	Major Test -1	09/10/2022	9 & 10	Full Syllabus
8	Major Test -2	30/10/2022	9 & 10	Full Syllabus

SYLLABUS OF SAT

Test No	Test Name	Test date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Review Test -1	17/07/2022	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 and Islam, Medieval India and Political Transition, Religious reformers of India, Vijaynagar and Bahamani Kingdoms, The Moghuls and the Marathas, Bhakti Panth, Europe in the middle ages, Modern Europe, Revolution and Rise of Nation States. Civics: Making of the Indian Constitution, The Union Government, State Government, Judicial system, Indian Election System, Defence of the Nation, National Integration Sociology: Family, Socialisation, Social Change, Community
2	Review Test -2	31/07/2022	9	Thrust and Pressure, Work, Energy, Power; 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	Geography: Our State-Karnataka, Physiographic Divisions, Climate, Soil, Natural Vegetation and Animals of Karnataka, Water Resources Of Karnataka, Land resources of Karnataka, Mineral Resources, Transport, Industries of Karnataka, Major Tourist Centers of Karnataka, Population of Karnataka Economics: Labour and Employment, Natural Resources, Human Resources of India, Poverty and Hunger. Business Studies: Management of Business, Financial Management, Accounting in Business
3	Minor Test-1	14/08/2022	10	Electricity	Chemical Reactions And 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, The Extension of the British Rule, Impact of British Rule in India, Opposition to British Rule in Karnataka, Social and religious reforms, The First War of Indian Independence (1857 A.D), The Freedom struggle, Era of Gandhi and National Movement, India after Independence, The Political Dimensions of the 20th Century.
4	Minor Test-2	28/08/2022	10	Magnetic Effects of Electric Current	Metals and Non- Metals	Transportation, Control and Coordination	Quadratic Equations, Arithmetic Progressions, Triangles,Construction	Civics: Problems of India and their remedies, Foreign policy of India, India's Relationship with other countries, World problems and India's role, World Organisations Economics: Development, Rural Development, Money and Credit, Public Finance and Budget.
5	Minor Test-3	11/09/2022	10	Light	Periodic Classification Of Elements	Reproduction, Heredity and Evolution	Coordinate Geometry, Introduction to trigonometry, Some applications of Trigonometry, Circles	Geography: India: Our Motherland, Physical features of India, Indian Monsoon-Seasons and their features, Soils of India, Forests of India, Water Resources, Land use and Agriculture in India, Mineral & Power Resources, Transport system of India and Communication, Major industries of India, Natural Disasters, Population of India.
6	Minor Test-4	25/09/2022	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	Business Studies: Bank Transactions, Entrepreneurship, Globalisation of Business, Consumer Education and Protection, Sociology: Social Stratification, Labour, Social Movement, Social Problem
7	Mock Test -1	09/10/2022	9 & 10	Full syllabus	Full Syllabus	Full syllabus	Full syllabus	Full syllabus
8	Mock Test -2	30/10/2022	9 & 10	Full syllabus	Full Syllabus	Full syllabus	Full syllabus	Full syllabus

NTSE PAPER PATTERN AND MARKING SCHEME

PAPER	TEST	NUMBER OF QUESTIONS	QUESTION NUMBERING	MARKS	TIME DURATION	REMARKS
PAPER -1	MENTAL ABILITY TEST (MAT)	100	Q.1 - Q.100	100	120 Min	NO NEGATIVE MARKING IN BOTH PAPERS
PAPER -2	SCHOLASTIC APTITUDE TEST (SAT)	100	Phy. Q.1 - Q.14 Chem. Q.15 - Q.27 Bio. Q.28 - Q.40 Maths. Q.41 - Q.60 SST - Q.61 - Q.100	100	120 Min	