

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, Current Electricity, ICT	Substances In Common Use, Acids,Bases And Salts	Classification of Plants,Energy Flow in an Ecosystem,Useful and Harmful Microbes, Life Processes in Living Organisms	Sets, Real numbers, Polynomials, Linear Equation of two Variables, Ratio Proportion and Variation, Statistics, Financial Planning	Sources of History, Challenge of Nation Building-1, India's internal challenges, Economic Development, Education, Empowerment of Women and other Weaker Sections, Science and Technology, Industry and Trade, Changing Life-1, Changing Life-2. Post World War Era and India's Foreign Policy, India's Defence System,
2	Review Test -2	31/07/2022	9	Work, Energy, Power; Sound, Reflection of light, Telescope	Measurement Of Matter,Carbon: An Important Element	Environmental Management, Heredity and Variation, Introduction to Biotechnology	Basic Concepts of Geometry, Parallel Lines, Triangles, Construction of Triangles, Quadrilaterals, Circle, Co-ordinate Geometry, Trigonometry, Surface Area and Volume	The United Nations, India and Other Countries, International Problems Geography: Endogenic Movements, Exogenetic Processes Part I, Exogenetic Processes Part II, Precipitation, The Properties of Sea Water, International Date Line, Introduction to Economics and Trade, Urbanisation, Transport & Communication, Tourism
3	Minor Test-1	14/08/2022	10	Gravitation	Chemical Reactions And Chemical Equations	Heredity and Evolution,Life Processes in Living Organisms part 1	Arithmetic Progression, Linear equations in two variables, Financial Planning	Historiography : Development in the West, Historiography: Indian Tradition, Applied History, History of India Arts,
4	Minor Test-2	28/08/2022	10	Heating and Magnetic Effects of Electric Current	Metals And Non metals	Life processes in Living Organisms part 2, Environmental Management	Quadratic Equations, Probability, Statistics	Mass Media and History, Entertainment and History, Sports and History, Tourism and History, Heritage Management .
5	Minor Test-3	11/09/2022	10	Refraction of Light, Lenses, Space Mission	Periodic Classification Of Elements	Animal classification, Introduction to Microbiology	Similarity, Pythagores Theorem, Circle, Coordinate Geometry	Political Science: Working of the Constitution, The Electoral Process, Political Parties, Social and Political Movements, Challenges faced by Indian Democracy.
6	Minor Test-4	25/09/2022	10	Sources of Energy, Heat	Carbon And Its Compounds	Cell Biology and Biotechnology, Social Health,Disaster Management	Geometrical Construction, Trigonometry, Mensuration	Geography : Location & Extent, Physiography, Drainage, Climate, Natural Vegetation and Wildlife, Population, Human Settlements, Economy and Occupation, Tourism, Transport and Communication.
7	Major Test -1	09/10/2022	9 & 10	Full syllabus	Full Syllabus	Full syllabus	Full syllabus	Full syllabus
8	Major 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	