

### 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	The Rise of British Rule in India, First World War and Russian Revolution, Movement towards a New World, National Movements in India, Movement towards Independence, World after 1945, Post Independence India, Framing of the Constitution and its Features, Fundamental Rights Fundamental Duties and Directive Principles of State Policy,
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	Organs of the Government, Indian Judiciary, Indian Democracy, India- Location, Geological Structure and Physiography-I, India- Location, Geological Structure and Physiography-II, Drainage System, Climate, Natural Vegetation, Wildlife, India: Human Life Style, Disaster Management.
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	Heritage of India, Cultural Heritage of India: Traditional Handicraft and Fine Arts, Cultural Heritage of India: Sculpture and Architecture, Literary Heritage of India,
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	India's Heritage of Science & Technology, Places of Indian Cultural Heritage, Preservation of Our Heritage Natural Resources, Forests and Wildlife Resources,
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	India: Agriculture, India: Water Resources, India: Mineral & Energy Resources, Manufacturing Industries, Transportation, Communication & Trade. Economic Development, Economic Liberalisation and Globalisation,
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	Economic Problems and Challenges: Poverty and Unemployment, Price Rise and Consumer Awareness, Human Development, Social Problems of India and Challenges, Social Change.
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	<b>NO NEGATIVE MARKING IN BOTH PAPERS</b>
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	