

**SYLLABUS OF MAT**

Test No	Test Name	Test date	Class	MENTAL ABILITY
1	Review Test -1	05/07/2020	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Review Test -2	02/08/2020	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, PuzzleTest, Analytical Reasoning, Mirror image, Water image
3	Minor Test-1	16/08/2020	10	Number, Ranking & Ordering 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	30/08/2020	10	Blood Relation, Data Sufficiency, Dice & Cube, Dot Situation, Grouping of identical figure, Construction of Shapes, Statement and Conclusion
5	Minor Test-3	13/09/2020	10	Calender, Sequential Output Tracing, Arithmetical Reasoning , Verbal & Non Verbal Series, Coding & Decoding
6	Minor Test-4	27/09/2020	10	Clock, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification, Logical Venn Diagram, Puzzle Test
7	Mock Test -1	11/10/2020	9 & 10	Full Syllabus
8	Mock Test -2	25/10/2020	9 & 10	Full Syllabus

**SYLLABUS OF SAT**

Test No	Test Name	Test date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Review Test -1	05/07/2020	9	Motion, Force and NLM, Gravitation	Matter in our surroundings, Is matter around us pure	Cell , Improvement in food resources, Tissues, Waste and Its Management, Economic Importance of Plants and Animals, Environment	Vedic Mathematics, Number System, Polynomials, Linear Equation in Two Variables, Plane Geometry and Lines and angles, Rectilinear Figure, Congruence and Inequalities of Triangles, Construction of Triangles	History: Ancient Civilisations of The World, The World's Leading Philosophy, Ancient India and The World, Social Reforms And Religious Renaissance, Major Events of The World, Nationality In India, Glories of Rajasthan Civics: Political Development in India, Constitution of India, Local Self Government, India's Foreign Policy
2	Review Test -2	02/08/2020	9	Fluid mechanics, Work Power & Energy Sound, Celestial Bodies and Indian Calendar	Atoms and molecules, Structure of atom, Bharat and science	Universe and Organic Evolution, Biodiversity and its Conservation, Concept of Life, Biodiversity, Diversity in living organism, Why do we fall ill,	Quadrilaterals, Areas of Triangles and Quadrilaterals, Area of Plane Figures, Surface Areas and Volumes of Cube & Cuboid, Angles and Their Measurement, Trigonometric Ratios of Acute Angles, Statistics, Road Safety Education	Geography: Physical Divisions of India, Drainage, Climate, Natural Vegetation, Wild Life and Soils Economics: Economics and Economy, Agriculture In The Indian Economy, Business and Commercial Activities, Book-Keeping: Accounting, Disasters & Management
3	Minor Test-1	16/08/2020	10	Electricity	Chemical reactions and Chemical equations , Acids , bases and salts	Nutrition, Respiration, Excretion	Vedic Mathematics, Real Numbers, Polynomials, Linear Equations and Inequalities in Two Variables, Arithmetic Progressions	History : Glorious India(Bharat), Beginning to 1206 AD, India (Bharat) during struggle period, Retaliation & struggle of British Empire, History of the World
4	Minor Test-2	30/08/2020	10	Magnetic Effects of Electric current	Metals and Non-metals	Transportation, Control and coordination	Trigonometry Ratio, Trigonometric Identities, Height and Distance, Coordinate Geometry, Locus	Civics : Democracy, Central Government, State Government Geography: Water Resources, Agriculture in India, Mineral and Energy Resources, Manufacturing Industry, Human Resources, Transport and Communication
5	Minor Test-3	13/09/2020	10	Light	Periodic classification of elements	Reproduction, Heredity and Evolution, Food and Human Health	Similarity, Circle, Circle and Tangent, Constructions	Economics: Economic Concepts and Planning, Characteristics of Indian Economy and New Trends, Challenges Before Indian Economy
6	Minor Test-4	27/09/2020	10	Sources of energy, Structure of earth, Search of life outside Earth, Indian Scientists Biography & Achievements	Carbon and its compounds	Our environment , Immunity and Blood Groups, Main Natural Resources	Circumference of Circle and Area, Surface Area and Volume, Measure of Central Tendency, Probability, Road Safety Education	Money and Financial System, Consumer & Legal Awareness and Right to Information, Others : Road Safety, Sanitation and Solid Waste Management
7	Mock Test -1	11/10/2020	9 & 10	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
8	Mock Test -2	25/10/2020	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	