

**SYLLABUS OF SAT**

Test No	Test Name	Test Date	Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Topic wise Test -1	12-07-2021	9 <sup>th</sup>	Motion, Force and NLM, Gravitation	Matter -Nature and behaviour, Chemical reactions and equations	Biodiversity and classification,Fundamental unit of life:Cell,Our health	History of Mathematics, Real Numbers,Exponent, Polynomials, Linear Equation of two Variables, Playing With Numbers, Comparing Quantity, Trigonometrical Ratio & Identities	India – An Introduction, The Physical Features of the Indian Subcontinent, India’s Climate, The Rivers of India and their Drainage System, Natural Vegetation and Communities Dependent on Forests, The Dawn of Modern Culture in Europe and India The Early-Modern Age (1300 –1800 CE),The Reformation and the Enlightenment (1300–1800 CE), Democratic and Nationalist Revolutions (1600-1900 CE), The Industrial Revolution and Social Change (1750-1900)
2	Topic wise Test -2	26-07-2021	9 <sup>th</sup>	Fluid Mechanics, Work, Energy, Power; Sound	Structure of atom,Chemical bonding,Chemical formula and mole concept,Coal ,Petroleum and Petrochemicals, Hydrocarbons	Multicellular structure:Tissue,Habitat,Waste and its management	Straight line and Angle, Congruency of Triangles, Quadrilaterals, Parallelograms, Transformation & Symmetry in Geometrical Shapes, Geometrical Constructions,Sector of a Circle & length of Arc, Cube and Cuboid, Data Handling and Analysis	Colonialism, The Idea of Democracy and its Spread, The Main Features of democracy , Rights , Gender Equality and Women’s Rights, Understanding Economic Activities, The Nature of the Indian Economy Part 1, The Nature of the Indian Economy Part 2 , How does Production take Place?
3	Topic wise Test -3	09-08-2021	10 <sup>th</sup>	Electricity	Acids,Bases and Salts,Chemistry in daily life	Life process:Nutrition,Respiration,Exc retion	Polynomials, Linear Equation in two Variables, Quadratic Equation in one variable, Arithmetic Progression	Resources and Development, Land Resources, Agriculture,Mineral Resources & Industrialization,Human Resources,Human Settlement
4	Topic wise Test -4	23-08-2021	10 <sup>th</sup>	Magnetic Effects of Electric Current	Metals and metallurgy ,Chemistry of Non -metals	Life process:Transportation ,Control and coordination,	Ratio and Proportion, Banking and Taxation, Co-ordinate Geometry, Graph	The First World War, Between the Two World Wars - The Russian Revolution and the Great Depression, Between the Two World Wars - Nazism in Germany and World War-II, End of Colonialism and the Cold War, Mass Media in the 20th Century
5	Topic wise Test -5	06-09-2021	10 <sup>th</sup>	Light	Periodic classification of elements	Heredity:From parents to offsprings , Evolution,	Trigonometric Equations and Identities, Heights and Distances, Similarity in Geometrical Shapes, Circles and Tangents	The Making of the Indian Constitution, The Constitution, Government System and their Social Concerns, Democracy in Independent India and the Working of Political Institutions, People’s Participation in Democracy, Democracy and Social Movements
6	Topic wise Test -6	20-09-2021	10 <sup>th</sup>	Sources of Energy, Heat	Derivatives of Hydrocarbons	Life processes:Reproduction ,growth and development,Our environment:Energy flow in ecosystem	Geometrical Construction, Surface areas and Volumes, Data Analysis	Understanding Development, Money and Credit , Government Budget and Taxation, Food Security, Globalisation
7	Mock Test - 1	04-10-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
8	Mock Test - 2	18-10-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
9	Mock Test - 3	01-11-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus
10	Mock Test - 4	08-11-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full syllabus	Full syllabus	Full syllabus	Full syllabus	Full syllabus

**SYLLABUS OF MAT**

Test No	Test Name	Test Date	Class	MENTAL ABILITY
1	Topic wise Test - 1	12-07-2021	9 <sup>th</sup>	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Topic wise Test - 2	26-07-2021	9 <sup>th</sup>	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, PuzzleTest, Analytical Reasoning, Mirror image, Water image
3	Topic wise Test - 3	09-08-2021	10 <sup>th</sup>	Number, Ranking & Ordering Test, Alpha- Numeric Sequence Puzzle, Inserting the missing Character, Arithemtical Reasoning , Spotting Out the Embedded Figure, Completion of incomplete Pattern, Figure Matrix, Paper Folding & Paper Cutting
4	Topic wise Test - 4	23-08-2021	10 <sup>th</sup>	Blood Relation, Data Sufficiency, Dice & Cube, Dot Situation, Grouping of identical figure, Construction of Shapes
5	Topic wise Test - 5	06-09-2021	10 <sup>th</sup>	Calendar, Sequential Output Tracing, Verbal & Non Verbal Series, Coding & Decoding
6	Topic wise Test - 6	20-09-2021	10 <sup>th</sup>	Clock, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification, Logical Venn Diagram, Puzzle Test
7	Mock Test - 1	04-10-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full Syllabus
8	Mock Test - 2	18-10-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full Syllabus
9	Mock Test - 3	01-11-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full Syllabus
10	Mock Test - 4	08-11-2021	9 <sup>th</sup> & 10 <sup>th</sup>	Full Syllabus