

**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 in our surroundings, Is matter around us pure	Cell and its organisation, Improvement in food resources, Tissue System	Number System, Polynomials, Coordinate Geometry, Linear Equation in Two Variables, Introduction to Euclid's geometry, Lines and angles, Triangles, Heron's formula	History: First World War, Russian Revolution, The League of Nations, Development of Fascism and Nazism, Second World War, Nationalist Movement in Asia, Nationalist Movement in Africa, Cold War, Formation of Military Blocks: Race for armaments, Non Aligned Movement, Disintegration of Soviet Union, India's Unity in Diversity and Traditions of India, Architecture, Literature, Science and Technology, Great Heritage of Odisha.
2	Topic wise Test -2	26-07-2021	9 <sup>th</sup>	Fluid Mechanics, Work, Energy, Power; Sound	Atoms and molecules, Structure of atom	Biodiversity, Disease and its treatment, Natural resources and its pollution	Quadrilaterals, Areas of Parallelograms and Triangles, Circles, Constructions, Surface Areas and Volumes, Statistics, Probability	Civics Fundamental Rights, Fundamental Duties and Directive Principles of State Policy, Human Rights, Right to Information(RTI) Act of India, Indian Nationalism and National Integration, Democratic Values, United Nations Geography: India-Size and Location, Physical divisions of India, Climate, Natural Vegetation and Wildlife, Population Economics: Economic Development II, Money and Credit, Sustainable Development.
3	Topic wise Test -3	09-08-2021	10 <sup>th</sup>	Electricity	Chemical reactions and Equations, Acids, bases and salts	Nutrition, Respiration, Excretion	Real Numbers, Polynomials, Pair Of Linear Equations in Two Variables	History: Mahatma Gandhi and the national movement, Role of Odisha in Indian National Movement, Formation of Independent Odisha state: Various stages of nationalism in Odisha,
4	Topic wise Test -4	23-08-2021	10 <sup>th</sup>	Magnetic Effects of Electric Current	Metals and Non-metals	Transportation and circulation, Control and coordination	Quadratic Equations, Arithmetic Progressions, Triangles, Constructions	India as a newly Independent Nation: Till 20th Century, Merger of Odisha with Garjat States, Odisha: Determining definitive Development. Civics : Formation of new states in India after Independence, Constitutional status of Jammu and Kashmir, Constitutional Design, Electoral Politics, Foreign Policy of India
5	Topic wise Test -5	06-09-2021	10 <sup>th</sup>	Light	Periodic classification of elements	Reproduction, Heredity and Evolution	Coordinate Geometry, Introduction to trigonometry, Some applications of Trigonometry, Circles	Geography: Resources and Development, Forest and Wildlife Resources, Minerals and Energy Resources, Agriculture, Manufacturing Industries
6	Topic wise Test -6	20-09-2021	10 <sup>th</sup>	Sources of Energy, Heat	Carbon and its compounds	Our environment, Conservation of natural resources	Areas related to circles, Surface Areas and Volumes, Statistics, Probability	Economics: Economic Development-I, Indian Economy; Growth Rate, Consumer Rights, Poverty as a Challenge, Unemployment
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