

FIITJEE All India Open Test Series-Target NTSE 2021-22

Schedule of Online Tests (at <https://fiitjee-aits.mypat.in>)

	Test Date	Paper 1 Mental Ability Test (MAT)	Paper 2 Scholastic Aptitude Test (SAT)
PART TEST - I	9th October, 2021	Duration - 2 hours Test Window - 9:30 am to 7:30 pm	Duration - 2 hours Test Window - 12:30 pm to 10:30 pm
PART TEST - II	23rd October, 2021		
PART TEST - III	30th October, 2021		
PART TEST- IV	14th November, 2021	9:30 am to 11:30 am	1:30 pm to 3:30 pm
FULL TEST	21st November, 2021		

Syllabi

PART TEST – 1

Mental Ability Test	Series; Inserting the Missing Character; Blood Relations; Alphabet Test; Averages; Speed, Distance & Time; Arithmetic Reasoning; Coding Decoding; Direction Sense Test; Time & Work.
Physics	Current Electricity; Motion.
Chemistry	Chemical Reactions & Equations; Acids, Base & Salts; Is Matter Around Us Pure?
Biology	Nutrition; Respiration; Transportation; Excretion; Cell.
Mathematics	Number System, Real Numbers; Polynomials, Factor & Remainder Theorem; Surds, Indices & Exponents.
Social Science	History: The French Revolution; Russian Revolution; Nazism and the Rise of Hitler; Forest Society and Colonialism. Geography: India, Size and Location; Physical Features of India; Drainage. Political Science: Democracy in the Contemporary World; What is Democracy, why Democracy? Economics: Story of Village Palampur; People as Resources.

PART TEST – 2

Mental Ability Test	Number, Ranking & Time Sequence Test; Clock; Data Sufficiency; Equation, Ratio, Proportion & Variation; Calendar; Logical Venn Diagram; Syllogism; Counting number of Figures; Input Output; Statement, Assumption & Conclusion.
Physics	Magnetic Effects of Current; Sources of Energy; Laws of motion.
Chemistry	Metals & Non Metals, Alkaline Earth Metals; Atoms & Molecules and Mole Concept.
Biology	Improvement in Food Resources; Tissue; Control & Coordination.
Mathematics	Triangles; Quadrilaterals; Area of Parallelograms and Triangles; Heron's Formula; Linear Equations in Two Variables.
Social Science	History: The Making of the Global World; Age of Industrialization; Print Culture and the Modern World; Novels, Society and History. Geography: Resources and Development; Natural Vegetation; Water Resources. Political Science: Power Sharing & Federalism; Democracy and Diversity; Gender, Religion and Caste. Economics: Development; Sectors of the Indian Economy.

Syllabi

PART TEST – 3

Mental Ability Test	Puzzles; Data Interpretation; Basics of Number System; Figure Series, Analogy & Classification; Paper Folding, Unfolding, Cutting & Dot Situation; Mirror & Water Images; Figure Matrix.
Physics	Light, Reflection & Refraction; Work, Power, Energy.
Chemistry	Carbon & Its Compound; Structure of Atom.
Biology	DLO; Natural Resources; Reproduction in Plants and Animals.
Mathematics	Quadratic Equations; Arithmetic Progression; Trigonometry; Application of Trigonometry; Circles; Areas related to Circles.
Social Science	History: Pastoralists in the Modern World; Clothing: A Social History; Work, Life and Leisure; The Story of Cricket. Geography: Climate; Mineral and Energy Resources; Agriculture; Population. Political Science: Constitutional Design; Electoral Politics; Democratic Rights; Working of Institutions. Economics: Poverty as a Challenge facing India; Money and Credit.

PART TEST - 4

Mental Ability Test	Classification; Analogy; Percentages; Profit, Loss & Discount; Alligation & Mixture; Simple and Compound Interest; Cubes and Dice; Fundamental Principal of Counting; Data Inequality.
Physics	Eye; Gravitation; Fluid; Waves and Sound.
Chemistry	Matter in our surroundings; Periodic properties.
Biology	Heredity and Evolution; Environment; Diseases.
Mathematics	Surface Area and Volume; Probability; Statistics; Co-ordinate Geometry.
Social Science	History: The Rise of Nationalism in Europe; Nationalist Movement in Indo-China; Nationalism in India; Peasants and Farmers. Geography: Manufacturing Industries; Lifeline of National Economy. Political Science: Popular Struggles and Movements; Outcomes & Challenges to Democracy; Political Parties. Economics: Consumer Rights; Globalization and the Indian Economy; Food Security.

Note: Syllabi of FULL TEST will be same as the syllabi of PART TEST - 1, 2, 3 & 4 combined