

FIITJEE All India Open Test Series for NTSE 2019-20

Schedule

Test	Test Date	Test Timings	Test Analysis Session	Session Timings
Part Test - 1	29th July, 2019	MAT: 3:30 PM - 5:30 PM SAT: 5:45 PM - 7:45 PM	1st August, 2019	4:00 pm - 7:45 pm
Part Test - 2	12th August, 2019		16th August, 2019	
Part Test - 3	2nd September, 2019		5th September, 2019	
Part Test - 4	30th September, 2019		3rd October, 2019	
Full Test	14th October, 2019		17th October, 2019	

Schedule of All India Internal Test Series (AiITS) for Class X*

Test	Test Date	Test Timings	Test Analysis Session	Session Timings
AiITS - 1	15th July, 2019	4:00 pm - 7:00 pm	18th July, 2019	4:00 pm - 7:45 pm
AiITS - 2	16th September, 2019		19th September, 2019	
AiITS - 3	9th December, 2019		12th December, 2019	
AiITS - 4	3rd February, 2020		6th February, 2020	

*Students enrolled in AIOTS-NTSE are also eligible for All India Internal Test Series (AiITS) being held for FIITJEE Classroom Program Students of Class X (JEE Advanced 2022 Aspirants).

Syllabi for All India Open Test Series-Target NTSE 2019-20

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.

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, Energy & Power.
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	<p>History: Pastoralists in the Modern World; Clothing: A Social History; Work, Life and Leisure; The Story of Cricket.</p> <p>Geography: Climate; Mineral and Energy Resources; Agriculture; Population.</p> <p>Political Science: Constitutional Design; Electoral Politics; Democratic Rights; Working of Institutions.</p> <p>Economics: Poverty as a Challenge facing India; Money and Credit.</p>

PART TEST - 4

Mental Ability Test	Classification; Analogy; Percentages; Profit, Loss & Discount; Alligations or Mixtures; 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	<p>History: The Rise of Nationalism in Europe; Nationalist Movement in Indo-China; Nationalism in India; Peasants and Farmers.</p> <p>Geography: Manufacturing Industries; Life Line of National Economy.</p> <p>Political Science: Popular Struggles and Movements; Outcomes & Challenges to Democracy; Political Parties.</p> <p>Economics: Consumer Rights; Globalization and the Indian Economy; Food Security.</p>

Note: Full Tests syllabi will be same as that of Part Test - I, II III & IV combined.

Syllabi of All India Internal Test Series (AIITS) for Class X

AIITS		Chemistry		Mathematics		Physics
AIITS-1	100%	Acid Base and Salts Chemical Reactions	100%	Arithmetic Progressions Linear Equations in Two Variables Polynomials Real Numbers Quadratic Equations	100%	Domestic electric circuits Electricity
AIITS-2	30%	AIITS -1 Syllabus	30%	AIITS -1 Syllabus	30%	AIITS -1 Syllabus
	70%	Metals and Non Metals	70%	Application of Trigonometry Similar Triangles Logarithms Trigonometry	70%	Magnetic effect of Electric Current Source of Energy
AIITS-3	40%	AIITS-1 & AIITS-2 Syllabus	40%	AIITS-1 & AIITS-2 Syllabus	40%	AIITS-1 & AIITS-2 Syllabus
	60%	Carbon & Its Compounds	60%	Co-ordinate Geometry Constructions Tangents to a Circle Statistics	60%	Light
AIITS-4	40%	AIITS-1, AIITS-2 & AIITS-3 Syllabus	40%	AIITS-1, AIITS-2 & AIITS-3 Syllabus	40%	AIITS-1, AIITS-2 & AIITS-3 Syllabus
	60%	Periodic Classification	60%	Area Related to Circle Probability Surface Area and Volume	60%	The Human Eye and The Colorful World