

**FIITJEE's**  
**ALL INDIA**  
**OPEN TEST SERIES**  
**for Target-NTSE, 2017-18**

(For students studying in Class X)  
 "Will also check the Fundamentals Preparation for IIT-JEE on the topics of class IX / X"

**Schedule of All India Open Test Series for Target NTSE 2017-18**

Test	Test Date	Timing
Part Test - 1	10th July, 2017	5:45 pm – 9:15 pm
Part Test - 2	31st July, 2017	5:45 pm – 9:15 pm
Part Test - 3	4th September, 2017	5:45 pm – 9:15 pm
Part Test - 4	3rd October, 2017	5:45 pm – 9:15 pm
Full Test	23rd October, 2017	5:45 pm – 9:15 pm

**Syllabus of All India Open Test Series for Target NTSE 2017-18**

<b>PART TEST - 1</b>	<b>(a) Mental Ability Test</b>	Series; Inserting the missing character; Coding Decoding; Coded Operations; Blood Relations; Coded Relations; Numbers: Decimals and Fractions; Averages; Word Problems.
	<b>(b) Physics</b>	Current Electricity; Motion.
	<b>(c) Chemistry</b>	In matter around us Pure?; Matter in our surrounding; Atoms, Molecules and Ions.
	<b>(d) Biology</b>	Nutrition; Respiration; Transportation; Excretion; Cell.
	<b>(e) Mathematics</b>	Number System, Real Numbers; Polynomials, Factor & Remainder Theorem; Surds, Indices & Exponents.
	<b>(f) Social Studies</b>	<b>History:</b> The French Revolution; Russian Revolution; Nazism and the Rise of Hitler; Forest Society and Colonialism. <b>Geography:</b> India Size and Location; Physical Features of India; Drainage. <b>Political Science:</b> Democracy in the Contemporary World; What is Democracy, why Democracy? <b>Economics:</b> Story of village Palampur; People as Resource.

<b>PART TEST - 2</b>	<b>(a) Mental Ability Test</b>	Arrangement; Ranking Test; Logical Conclusions; Logical Venn Diagrams and Dot Situation; Chain Rule; Time and Work; Pipes and Cisterns; Classification; SI and CI.
	<b>(b) Physics</b>	Magnetic effect of Electric Current; Sources of Energy; Laws of motion.
	<b>(c) Chemistry</b>	Chemical reaction and Equation; Acid, base & Salt.
	<b>(d) Biology</b>	IFR; Tissue; Control and; Coordination.
	<b>(e) Mathematics</b>	Triangles; Quadrilaterals; Area of Parallelograms and Triangles; Heron's Formula; Linear Equations in Two Variables.
	<b>(f) Social Studies</b>	<b>History:</b> The Making of the Global World; Age of Industrialization; Print Culture and the Modern World; Novel, Society and History <b>Geography:</b> Resources and Development; Natural Vegetation; Water Resources. <b>Political Science:</b> Power sharing & Federalism; Democracy and Diversity; Gender, Religion and Caste. <b>Economics:</b> Sectors of the Indian Economy.

<b>PART TEST - 3</b>	<b>(a) Mental Ability Test</b>	Analogy; Cubes and Dice; Alphabet Test; Alpha numeric Sequence Puzzle; Clocks; Data Sufficiency; Percentage; Ratio and Proportion; Profit, Loss and Discount; Alligation or Mixture.
	<b>(b) Physics</b>	Light; Work, Energy & Power.
	<b>(c) Chemistry</b>	Metals and Non-metals; Atomic Structure.
	<b>(d) Biology</b>	DLO; Natural Resources; Reproduction in Plants and Animals.
	<b>(e) Mathematics</b>	Quadratic Equations; Arithmetic Progression; Trigonometry; Application of Trigonometry; Circles; Areas related to Circles.
	<b>(f) Social Studies</b>	<b>History:</b> Pastoralists in the Modern World; Clothing: A Social History; Work, Life and Leisure; The Story of Cricket. <b>Geography:</b> Climate; Mineral and Energy Resources; Agriculture; Population. <b>Political Science:</b> Constitutional Design; Electoral Politics; Democratic Rights; Working of Institutions. <b>Economics:</b> Poverty as a Challenge facing India; Money and Credit.

<b>PART TEST - 4</b>	<b>(a) Mental Ability Test</b>	Direction Sense Test; Calendar; Analytical Reasoning; Non Verbal Reasoning; Time and Distance; Problems on Trains; Boats and Streams; Mensuration; Data Interpretation.
	<b>(b) Physics</b>	Eye; Gravitation; Fluid; Waves and Sound.
	<b>(c) Chemistry</b>	Carbon and its compounds; Periodic properties.
	<b>(d) Biology</b>	Heredity and Evolution; Environment; Diseases.
	<b>(e) Mathematics</b>	Surface Area and Volume; Probability; Statistics; Co-ordinate Geometry.
	<b>(f) Social Studies</b>	<b>History:</b> The Rise of Nationalism in Europe; Nationalist Movement in Indo-China; Nationalism in India; Peasants and Farmers. <b>Geography:</b> Manufacturing Industries; Life Line of National Economy. <b>Political Science:</b> Popular Struggles and Movements; Outcomes & Challenges to Democracy; Political Parties. <b>Economics:</b> Consumer Rights; Globalisation and Indian Economy; Food Security.

<b>FULL TEST</b>	Combined Syllabus of Part Test - 1, 2, 3 & 4.
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