

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

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

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

PART TEST - 3	(a) Mental Ability Test	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) Physics	Light; Work, Energy & Power.
	(c) Chemistry	Metals and Non-metals; Atomic Structure.
	(d) Biology	DLO; Natural Resources; Reproduction in Plants and Animals.
	(e) Mathematics	Quadratic Equations; Arithmetic Progression; Trigonometry; Application of Trigonometry; Circles; Areas related to Circles.
	(f) Social Studies	<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	(a) Mental Ability Test	Direction Sense Test; Calendar; Analytical Reasoning; Non Verbal Reasoning; Time and Distance; Problems on Trains; Boats and Streams; Mensuration; Data Interpretation.
	(b) Physics	Eye; Gravitation; Fluid; Waves and Sound.
	(c) Chemistry	Carbon and its compounds; Periodic properties.
	(d) Biology	Heredity and Evolution; Environment; Diseases.
	(e) Mathematics	Surface Area and Volume; Probability; Statistics; Co-ordinate Geometry.
	(f) Social Studies	<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; Globalisation and Indian Economy; Food Security.</p>

FULL TEST	Combined Syllabus of Part Test - 1, 2, 3 & 4.
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