

NTSE (Stage-II) Test Series : 2020-21

Test No.	Subject	Syllabus	Test Date
Test-01	Physics	Motion, Force and Laws of Motion, Gravitation, Work and Energy, Sound	06 th Jan, 2021
	Chemistry	Matter in Our Surroundings(IX), Is Matter around us Pure?(IX), Chemical Reactions and Equations(X), Acids, Bases and Salts(X)	
	Biology	The Fundamental Unit of Life, Tissues, Diversity in Living Organisms, Why do we fall ill, Natural Resources, Improvement in Food Resources	
	Maths	Number Systems(IX), Real Numbers, Polynomials (IX & X), Linear Equations in Two Variables(IX), Pair of Linear Equations in Two Variables, Coordinate Geometry (IX & X), Quadratic Equations, Arithmetic Progressions	
	Social Science	History: The French Revolution, Socialism in Europe and the Russian Revolution, Nazism and the Rise of Hitler(IX), The Rise of Nationalism in Europe, Colonization, Growth of Nationalism in India and Related Events,(X), Geography: India size and location, physical features of india, Drainage,(IX) Resources and Development, Forest and wildlife resources, Water Resources, Agriculture, (X), Economics: The story of village Palampur, People as resources,(IX), Development, The sectors of Indian economy (X), Polity: What is Democracy? Why Democracy?, Constitutional design, (IX) Power sharing, Federalism, Democracy and Diversity, Gender, religion and caste (X)	
	Mental Ability	Number Series, Alphabetical Series, Alphanumeric Series, Non-Verbal Series, Analogy (Verbal and Non-Verbal), Classification (Verbal and Non-Verbal), Direction Sense Test, Coding – Decoding, Blood Relation, Venn diagram, Syllogism, Mathematical operations, Number and Alphabet Test, Diagrammatic puzzles, Quantitative Aptitude, Miscellaneous (Missing number, Pyramid based puzzles, Data Sufficiency, Logical Order, etc.)	
Test-02	Physics	Light: Reflection and Refraction, Human Eye and Colourful World, Electricity, Magnetic Effects of Electric Current, Sources of Energy, Heat	20 th Jan, 2021
	Chemistry	Atoms and Molecules (Mole Concept and Stoichiometry)(IX), Structure of Atom(X), Metals and Non-metals (Chemical Bonding)(X), Carbon and its compounds(X), Periodic Classification of Elements (X)	
	Biology	Life Processes, Control & Coordination, How do Organisms Reproduce?, Heredity & Evolution (Structure of DNA, Inheritance of Haemophilia in humans, Inheritance of one gene), Our Environment. Sustainable Management of Natural Resources	
	Maths	Introduction to Trigonometry, Some Applications of Trigonometry, Lines and Angles(IX), Triangles(IX & X), Circles(IX & X), Area Related to Circles(X), Heron's Formula(IX), Surface Area and Volumes(IX & X), Probability(IX & X), Statistics (IX & X)	
	Social Science	History: Forest Society and Colonialism, Pastoralists in the Modern World,(IX) The making of the global world, The age of Industrialisation, Print culture and the modern world,(X), Geography: Climate, Natural vegetation and wild life, Population (IX) Mineral and energy Resources, Manufacturing Industries, Life line of national economy (X), Economics: Poverty as challenge, Food security in India(IX), Money and credit, Globalisation and the Indian Economy, Consumer Rights (X) Polity: Electoral politics, Working of Institution, Democratic Rights (IX), Popular struggles and movement, Political parties, Outcomes of Democracy, Challenges to Democracy (X)	
Mental Ability	Ranking Test, Analytical reasoning, Calendar, Clock, Cubes & Dice, Water image, Mirror image, Incomplete figures, Embedded figures, Transparent paper folding, Paper folding & Cutting, Miscellaneous (Missing number, Pyramid based puzzles, Matrix based questions, dot situations, Statement Assumption, Arguments and conclusion, Missing figure, Completing figure, Assertion and reasoning etc.)		
Test-03	Physics	Complete Syllabus 'As per previous year pattern'	27 th Jan, 2021
	Chemistry		
	Biology		
	Maths		
	Social Science		
Test-04	Physics	Complete Syllabus 'As per previous year pattern'	03 rd Feb, 2021
	Chemistry		
	Biology		
	Maths		
	Social Science		
Mental Ability			