

for

Maharashtra

BIOLOGY

NTSE Biology-1	Nutrition, Respiration, Transportation in Plants and Animals, Excretion , The Regulators of Life, The Life Cycle , Mapping our Genes
NTSE Biology-2	Cell: The Unit of Life, Life : Simple and Complex, Life Around You, Highway to Health, Quality food, Quality Life, Bonding with Ecosystem, Striving for Better Environment Part -1, Solid Waste : Eco-friendly Management

PHYSICS

NTSE Physics-1	Electricity and Chemical Effects of Current, Magnetic Effects of Current, Light.
NTSE Physics-2	Motion, Force and NLM, Gravitation, Thrust and Pressure, Work, Energy and Power, Waves and Sound

CHEMISTRY

NTSE Chemistry-1	The School of Elements, The Magic of Chemical Reaction, The Acid-Base Chemistry, Understanding Metals Non Metals, Amazing World of Carbon Compound.
NTSE Chemistry-2	The World of Matter, Understanding Matter inside the Atom, Counting the matter.

MATHEMATICS

NTSE Mathematics-1	Sets, Linear Equations in Two Variables, Number System, Surds and Indices, Polynomials, Rational Expressions, Quadratic Equations, Arithmetic Progressions, Coordinate Geometry, Trigonometry and Its Applications, Triangles, Circles and Tangent to the circle, Mensuration of Plane Figures, Mensuration of Solid Figures, Statistics, Probability, Lines and Angles, Quadrilaterals, Area of Parallelogram and Polygon, Equation of Straight Line
NTSE Mathematics-2	Every Day Mathematics : Percentage, Profit, Loss and Discount, Partnership, Mixtures and Alligations, Simple and Compound Interest, Instalments, Ratio, Proportion and Variation, Time Speed & Distance, Unitary Method, Time and Work, Pipes And Cisterns, Problems on Ages.

MENTAL ABILITY

NTSE Mental Ability-1	Verbal : Series, Logical Sequence of Words, Coding & Decoding, Analogy, Classification, Logical Venn Diagrams, Mathematical Operations, Direction Sense Test, Alphabet Test, Puzzle Test, Number, Ranking and Time Sequence Tests, Alpha-Numeric Sequence Puzzle, Inserting the Missing Characters, Calendar, Arithmetical Reasoning, Blood Relations, Statements-Conclusions, Clocks, Data Sufficiency, Sequential Tracing, Eligibility test.
NTSE Mental Ability-2	Non Verbal : Series, Analogy, Classification, Analytical Reasoning, Mirror Images, Water Images, Spotting Out the Embedded Figures, Completion of Incomplete Pattern, Figure Matrix and Figure Formation, Paper Folding and Paper Cutting, Rule Detection, Construction of Shapes, Dices, Construction of Boxes, Cubes, Dot Situation, Grouping of Identical Figures or Similar Figures.

SOCIAL SCIENCE

NTSE SST-1	History : Geographical discoveries and Imperialism, Imperialism in Asia, Imperialism in Africa, First World War, Russian Revolution, the League of Nations, Dictatorships in Europe, The United Nations Organisation , Emancipation in Asia, Emancipation in Africa, Cold War, Progress in Science and Technology, Globalisation .
	Civics : Democracy; Meaning, types and Characteristics, Political Parties, Challenges to Democracy
	Geography : Physical Divisions of India, The Northern Mountain Region, The Northern Plain Region- Desert, The Northern Plain Region- Punjab Haryana Plains, Central Plains, The Central Highlands, the Deccan Plateau, The Ghats, Coastal Plains and Islands.
NTSE SST-2	Economics : Introduction of Economy, The Basic Problems of an Economy and Solution, Inflation, The Public Distribution System and Consumer Protection.
	History : : Ancient and Medieval Civilization , Renaissance and Feudalism, Age of Revolutions
	Civics : Introduction to Political Science, Making of the Constitution, Fundamental rights and Duties, Election Process
	Geography :: Concept of Region, Maharashtra-Natural Resources, Occupation, Agriculture, Industries, Transportation, Communication & Tourism, Population, Regional Development, Practical Geography
	Economics : Introduction of Economics, Basic concepts of Economics, Sources of Income, Family Budget.

ENGLISH

NTSE English	Part-I : Sentences, Nouns, Pronouns, Adjectives, Determiners, Prepositions, Conjunctions, Verbs, Modals, Subject-Verb Agreement, Tenses, Conditionals, Voice, Speech, Adverbs, Punctuations. Part-II : Synonyms, Antonyms, Phrasal Verbs, Idioms & Phrases, Four Word Vocabulary Part-III : Cloze Test, Error Spotting, Jumbled Up Words, Sentence Reordering, Ordering of Words, Missing Sentences, Comprehension.
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PRACTISING NTSE

Practising NTSE	Set of state pattern NTSE papers for practice
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