

for Uttar Pradesh

BIOLOGY

NTSE
Biology-1

Structure of Human Body, Activities of Life, Control and Coordination in Plants and Animals, Reproduction in Living Organisms, Tobacco, Alcohol and Narcotic Drugs, Principles of Heredity, Human genetics, Biotechnology, Origin of life and Organic Evolution

NTSE
Biology-2

Biodiversity, Cell, Plant and Animal Tissue, Health and Disease, Human Coordination and Ecosystem, Pollution, Biogeochemical cycle.

PHYSICS

NTSE
Physics-1

Electricity and Chemical Effects of Current, Magnetic Effects of Current, Light

NTSE
Physics-2

Measurement, Motion, Force and NLM, Gravitation, Work, Energy and Power, Waves and Sound, Heat

CHEMISTRY

NTSE
Chemistry-1

Acid, Bases and Salts, Some Important Chemical Compounds, Metals and Non-Metals, Periodic Classification of elements, Carbon and Its Compounds.

NTSE
Chemistry-2

The nature of Matter, Structure of Atom, The Language of chemistry, Atomic structure, Chemical bonding and Chemical reactions

MATHEMATICS

NTSE
Mathematics -1

Rational Expressions, Polynomials, Linear Equations in One Variable, Quadratic Equations, Logarithms, Taxation, Trigonometry and Its Applications

NTSE
Mathematics -2

Triangles, Loci and Concurrency Theorems, Parallelogram and Area, Circles and Tangent to the circle, Equation of Straight Line, Coordinate Geometry, Mensuration, Statistics.

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 : Revolution in the Modern World, Political Revolutions, Growth of Nationalism and The World War, Modern India, Indian Independence Movement

Civics : The Central and the State Governments, Indian Judicial System, Indian Foreign Policy, External and the Internal Defence of the country

Geography : Physical Environment of India, Physical Resources and their Exploitation, Human Resources, India towards becoming a Developed Country

Economics : Problems of Economy, Contribution of Agriculture in Indian Economy, Contribution of Industries in Indian Economy, Economic Development

NTSE SST-2

History : : Development of early civilizations in India, Development of Janpads to Empire, Rise of Small States, Sultanate Period in India, Period in India

Civics : Indian Constitution, Democracy in India, Government at Local Level, National Challenges and Expectations

Geography : : Environmental Structure, Physical form of Environment, Natural Resources, Human Resources

Economics : A Study of Economy, Form of Indian Economy, Indicators of Indian Economy

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.

PRACTISING NTSE

Practising NTSE

Set of state pattern NTSE papers for practice