

for Karnataka

BIOLOGY

NTSE Biology-1	Environmental Issues, Green plants and chordates, Plant and Animal Tissues, Microbial Diseases, Plants and Animal Breeding ,Control and Coordination in Plants and Animals, Heredity ,The story of humans
NTSE Biology-2	Natural Resources, Food, Classification of Living Organisms ,The World of Microbes ,Biogeochemical Cycle, Life Processes ,Cell Division, Reproduction, Evolution of Life ,Excretion

PHYSICS

NTSE Physics-1	Alternate sources of energy, Types of motion, Heat engines, Nuclear energy, Sound, Electromagnetic induction, Electronics, Space science
NTSE Physics-2	Heat, Nature of light , Properties of matter, Lens, Optical instruments, Circular motion, Electromagnetic radiation, Basics of computer, Gravitation, Photo electric effect and Laser, Electricity, Radioactivity, The sun

CHEMISTRY

NTSE Chemistry-1	Periodic classification of elements, Silicon, Industrial inorganic chemistry, Industrial organic chemistry , Carbon and its compounds, Metals, Behaviour of gases, Ionic conduction
NTSE Chemistry-2	Synthetic materials, Chemicals in our daily life, Electronic configuration, Chemical bonding

MATHEMATICS

NTSE Mathematics -1	Sets, Real Numbers, Surds, Polynomials, Square Roots, Linear Equations in Two Variables, Quadratic Equations, Progressions, Trigonometry
NTSE Mathematics -2	Trigonometry, Triangles, Quadrilaterals and Polygon, Circles, Coordinate Geometry, Permutations and combinations, Mensuration, Statistics, Probability, Banking, Ratio, Proportion and Variation, Compound interest and Installments.

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 : The advent of Europeans to India, Kannada Speaking areas during the Colonial rule, Folk history, The foundation of British administration and its effects, Social and religious reforms, The first war of Indian Independence, Effects of British rule in India, The Freedom struggle, India after independence, The political dimensions of the 20 th Century
	Civics : Problems of India and their remedies, Foreign policy of India, India's Relationship with other countries, World problems and India's role, World Organisations
	Geography : India: Our Motherland, Physical features of India, Indian Monsoon-Seasons and their features, Soils of India, Forests of India, Water Resources, Land use and Agriculture in India, Mineral Power Resources, Transport system of India, Major industries of India, Communication, Natural Disasters, Population of India
	Economics : Development, Economy and Government, Rural Development, Public finance and Budget
NTSE SST - 2	History : Christianity and Islam, Europe in the middle ages, India from 9 th Century A.D to 14 th Century AD, Religious reformers of India, Vijaynagar and Bahamani Kingdoms, The Moghuls and the Marathas, Bhakti Panth, Modern Europe, Revolution and Rise of nation states.
	Civics : Making of the Indian Constitution, The Union Government, State Government, Defence of the nation, National Integration
	Geography : Our state-Karnataka, Physiographic Divisions, Climate, Soil, Natural Vegetation and Animals of Karnataka, Water Resources Of Karnataka, Land resources of Karnataka, Mineral Resources, Transport, Industries of Karnataka, Major industries of Karnataka, Population of Karnataka
	Economics : : Economic Structure, Sectors of Indian Economy, Money and Credit, Labour and Employment

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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