

TSET-F1

Foundation Biology-1	Life Processes - Nutrition, Respiration, Transportation, Excretion, How do Organisms Reproduce
Foundation Physics-1	Electricity, Magnetic Effects of Electric Current, Optics-Reflection of Light
Foundation Chemistry-1	Chemical Reactions & Equations, Acids, Bases & Salts, Metals & Non-metals
Foundation Mathematics-1	Real Numbers, Polynomials, Linear Equations in Two Variables
Foundation Mathematics-2	Introduction to Trigonometry, Similar Triangles, Statistics
Foundation SST-1	History: Rise of Nationalism in Europe, Nationalism in India. Civics: Power Sharing, Federalism. Geography: Resources & Development, Agriculture. Economics: Development, Sectors of the Indian Economy.
Foundation English-1	Section A (Grammar): Tenses, Subject-Verb Concord, Modals, Connectors, Reported Speech, Articles & Determiners, Integrated Grammar Exercises. Section B (Writing): Letter Writing, Analytical Paragraph Writing Section C (Literature): Figures of Speech. FIRST FLIGHT: A Letter To God, Dust Of Snow, Fire And Ice, Nelson Mandela : Long Walk To Freedom, A Tiger in the Zoo, Two Stories About Flying (Part 1 - His First Flight, Part - 2 Black Aeroplane), The Ball Poem, From the Diary Of Anne Frank, Amanda. FOOTPRINTS WITHOUT FEET: A Triumph Of Surgery, The Thief's Story, Footprints Without Feet.

TSET-A TARGET:: NTSE & Olympiads

Note : For Syllabus of TSET-A visit dlp.allen.ac.in

TSET-E1 (E)# TARGET:: FOUNDATION ENGINEERING

Excellent Physics	Units and Dimensions, Significant Figures & Errors in Measurement, Vectors, Motion in one dimension, Projectile Motion, Circular Motion, Newton's Laws of Motion, Friction, Work, Energy & Power, Gravitation, Simple Harmonic Motion, Wave Motion
Excellent Chemistry	General Concepts in Chemistry, States of Matter, Atomic Structure, Periodic Classification of Elements, Chemical Bonding, Equilibrium, Redox reactions, Basic Concepts of Organic Chemistry.
Excellent Mathematics-1	Sets and Relations, Functions, Complex Numbers, Logarithm, Trigonometry, Sequences and series, Binomial Theorem, Permutations and Combinations, Points, Straight Lines, Circles, Parabola, Ellipse, Hyperbola

TARGET:: NMTC ROUND-1

Excellent Mathematics-2	Algebra, Geometry, Number System, Inequalities
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TSET-E1 (M)# TARGET:: FOUNDATION MEDICAL

Excellent Physics	Units and Dimensions, Significant Figures & Errors in Measurement, Vectors, Motion in one dimension, Projectile Motion, Circular Motion, Newton's Laws of Motion, Friction, Work, Energy & Power, Gravitation, Simple Harmonic Motion, Wave Motion
Excellent Chemistry	General Concepts in Chemistry, States of Matter, Atomic Structure, Periodic Classification of Elements, Chemical Bonding, Equilibrium, Redox reactions, Basic Concepts of Organic Chemistry.
Excellent Biology	Diversity in Living Organisms, Cell, Cell Cycle and Cell Division, Biomolecules, Morphology of Flowering Plants, Anatomy of Flowering Plants and Animals, Plant Physiology, Animal Physiology - Animal Nutrition, Respiratory System, Circulatory System, Excretory System, Control and coordination.

Will be dispatched according to choice given by student at the time of enrollment for preparing for Foundation Engineering or Foundation Medical respectively.

TSET-F2

Foundation Biology-2	Heredity, Our Environment, Sustainable Management of Natural Resources , Evolution, Control and Coordination
Foundation Physics-2	Optics: Refraction of Light, The Human Eye & The Colorful World, Sources of energy
Foundation Chemistry-2	Carbon and its Compounds, Periodic Classification of Elements
Foundation Mathematics-3	Quadratic Equations, Heights and Distances, Constructions, Arithmetic Progressions
Foundation Mathematics-4	Probability, Circles, Co-ordinate Geometry, Areas Related to Circles, Surface Areas and Volumes
Foundation SST-2	History: The Making of a Global World, The Age of Industrialization. Civics: Political Parties, Outcomes of Democracy. Geography: Manufacturing Industries, Lifelines of the National Economy. Economics: Money & Credit, Globalization & The Indian Economy.
Foundation English-2	Section A (Grammar): Integrated Grammar Exercises. Section B (Writing) : Letter Writing, Analytical Paragraph Writing Literature: FIRST FLIGHT : The Hundred Dresses - I, The Hundred Dresses - II, Animals, Glimpses of India (Part 1 - A Baker from Goa, Part 2 - Coorg, Part 3 - Tea from Assam), Madam Rides the Bus, The Tale of Custard the Dragon, The Sermon at Benares, The Proposal. FOOTPRINTS WITHOUT FEET: The Making of a Scientist, The Necklace, The Hack Driver, Bholi.

TSET-E2*TARGET:: NMTC FINAL ROUND

Excellent Mathematics-3 Same Topics as in Round-1

* Module will be dispatched to NMTC Round-1 Qualified Students.

TSET-E3**TARGET:: NTSE STAGE 2

NTSE Question Bank 1	Mental Ability Test (MAT)
NTSE Question Bank 2	Language Comprehensive Test (LCT)
NTSE Question Bank 3	Scholastic Aptitude Test (SAT)
Practicing NTSE	Booklet of Sample Papers

** Module will be dispatched to those students who will be selected for Stage-II of the National Talent Search Examination (NTSE).