

[For English Medium Students Only]

## SESET-F1

Foundation Biology-1	Nutrition in Plants, Nutrition in Animals, Weather, Climate and Adaptations of Animals to Climate, Soil.
Foundation Physics-1	Heat, Winds, Storms and Cyclones, Motion and Time.
Foundation Chemistry-1	Fibre to Fabric, Acids, Bases and Salts.
Foundation Mathematics-1	Integers, Fractions, Decimals, Data Handling.
Foundation Mathematics-2	Simple Equations, Lines and Angles, The Triangles and Its Properties, Congruence of Triangles.
Foundation SST-1	History: Tracing Changes through a Thousand Years, New Kings and Kingdoms, The Delhi Sultans, The Mughal Empire, Rulers and Buildings, Town, Traders and Craftspersons. Civics: On Equality, The State Government - Role of the Government in Health, The State Government - How State Government Works?. Geography: Environment, Inside Our Earth, Our Changing Earth, Air, Water.
Foundation English-1	Section A (Grammar): Grammar Recap, Nouns, Pronouns, Adjectives, Verbs & Tenses, Modals, Articles and Determiners, Active and Passive Voice, Punctuations. Section B (Vocabulary): Synonyms and Antonyms, One word for Many. Section C (Writing): Letter Writing, Notice Writing. Section D (Comprehension): Comprehension.

## SESET-A TARGET:: Science/Maths/English Olympiads

Advance Biology	Nutrition in Plants and Animals, Movement in Plants and Animals, Weather Climate and Adaptation, Soil, Respiration in Plants and Animals, Transportation in Plants and Animals, Excretion, Reproduction in Plants, Forest.
Advance Physics	Heat, Winds, Storms and Cyclones, Motion and Time, Electric Current and its Effects, Light.
Advance Chemistry	Element, Compound & Mixtures, Natural fibres from animals, Acids, Bases & Salts, Physical & Chemical changes, Water, Waste water management.
Advance Mathematics	Integers, Fractions, Decimals, Rational Numbers, Squares, Cubes & their roots, Exponents & Powers, Algebraic Expressions, Simple Equations, Lines & Angles, Triangles & Its Properties, Congruence of Triangles, Polygons, Data Handling, Mensuration, Symmetry, Visualising Solid Shapes, Ratio, Proportion and Variation, Percentage, and Its application, Simple Interest and Compound Interest, Time and Work, Profit Loss and Discount, Time and Distance, Set theory.
Mental Ability-1	<b>Verbal</b> : Direction Sense Test , Series, Coding & Decoding, Inserting The Missing Characters, Number, Ranking and Time Sequence Test, Alphabet Test, Analogy, Classification, Mathematical Operations, Puzzle test, Blood Relation, Logical Venn Diagram, Alpha Numeric Sequence Puzzle & Logical Sequence of Words.
Mental Ability-2	<b>Non Verbal</b> : Series, Mirror and Water Images, Analogy, Classification, Cubes & Dice, Analytical Reasoning, Dot Situation, Paper Folding and Paper Cutting, Spotting out the Embedded Figures, Figure Matrix, Figure formation, Construction of squares and Grouping of Identical Figures, Completion of Incomplete Pattern.

## TARGET:: NMTC ROUND-1

Excellent Mathematics-1	Number Theory, Ratio & Percentage, Indices, Algebra, Geometry, Data Handling, Logical Reasoning
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## SESET-F2

Foundation Biology-2	Respiration in Organisms, Transportation in Plants and Animals, Reproduction in Plants, Forests: Our Lifeline
Foundation Physics-2	Electric Current and its Effects, Light
Foundation Chemistry-2	Physical and Chemical Changes, Water-A precious resource, Waste Water Story
Foundation Mathematics-3	Comparing Quantities, Rational Numbers, Practical Geometry, Perimeter & Area
Foundation Mathematics-4	Algebraic Expressions, Exponents and Powers, Symmetry, Visualising Solid Shapes
Foundation SST-2	History: Tribes, Nomads and Settled Communities, Devotional Paths to the Divine, The Making of Regional Cultures, Eighteenth-Century Political Formations. Civics: Understanding the Media, Growing up as Boys and Girls, Markets Around Us, A shirt in the market, Struggles for Equality. Geography: Natural Vegetation and Wild life, Human Environment -Settlement, Human Environment - Transport and Communication, Life in Deserts , Life in Tropical and Subtropical Region.
Foundation English-2	Section A (Grammar): Subject Verb Agreement, Direct and Indirect Speech, Conjunctions, Adverbs, Phrases & Clauses, Prepositions. Section B (Vocabulary): Best Word Vocabulary, Idioms and Phrases. Section C (Writing): Message Writing, Diary Entry Section D (Integrated Grammar Exercise): Error Spotting

## SESET-E\* TARGET:: NMTC Final Round

Excellent Mathematics-2	Same Topics as in Round-1
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\* Module will be dispatched to NMTC Round-1 Qualified Students.