

[For English Medium Students Only]

## SISSET-F1

Foundation Biology-1	Food: Where does it come from, Components of Food, Getting to Know Plants
Foundation Physics-1	Measurement and Motion, Light, Shadows and Reflection
Foundation Chemistry-1	Chemistry: An Introduction, Fibre to Fabric, Sorting materials into group, Separation of Substances
Foundation Mathematics-1	Knowing Our Numbers, Whole Numbers, Playing with Numbers, Basic Geometrical Ideas
Foundation Mathematics-2	Understanding Elementary Shapes, Integers, Fractions, Decimals
Foundation SST-1	History: What, When, Where and How?, On the Trail of Earliest People, In the Earliest Cities, What Books & Burials tell us?, Kingdoms, Kings and Early Republics, New Questions and Ideas. Civics: Understanding Diversity, Diversity and Discrimination, Key Elements of a Democratic Government. Geography: Earth and The Solar System, Latitudes and Longitudes, Motions of the Earth, Maps and Map Readings, Major Domains of Earth.
Foundation English-1	Section A (Grammar): The Sentence, Nouns, Pronouns, Adjectives, Verbs, Tenses, Modals Section B (Vocabulary): Homophones and Homonyms, Synonyms and Antonyms Section C (Writing): Paragraph Writing, Picture Composition Section D (Comprehension): Comprehension

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

Advance Biology	Food and its Components, Getting to Know Plants, Body Movements, Living Organisms and Its Surroundings, Garbage in Garbage Out
Advance Physics	Measurement and Motion, Light, Shadows and Reflection, Electricity and Circuits, Fun with Magnets, Force and Pressure, Work and Energy, Simple Machines, Universe
Advance Chemistry	Chemistry an introduction, States of Matter, Natural fibres from plants, Classification of materials, Separation of Substances, Changes around us, Air around us, Water.
Advance Mathematics	Knowing our Numbers, Whole Numbers, Playing with Numbers, Negative Numbers & Integers, Fractions, Decimals, Algebra, Basic Geometrical Ideas, Understanding Elementary Shapes, Symmetry & Practical Geometry, Mensuration, Data Handling, Ratio, Proportion & Unitary Method, Powers & Roots, Percentage, Profit, Loss and Discount, Simple Interest, Time and Work, Time and Distance, Average, Set theory.
Mental Ability	Verbal : Direction Sense Test, Series, Coding & Decoding, Inserting The Missing Character, Number, Ranking & Time Sequence Test, Alphabet Test, Analogy, Classification, Mathematical Operations, Blood Relation, Logical Venn Diagram, Alpha Numeric Sequence Puzzle & Logical sequence of words, Sitting Arrangements. Non Verbal : Series, Mirror and Water Images, Analogy, Classification, Cube and Dice, Analytical Reasoning, Dot Situation, Paper folding and Paper Cutting, Figure Matrix, Embedded Figure, Figure Formation, Construction of Squares & Grouping of Identical Figures, Completion of Incomplete Pattern.
Excellent Mathematics-1	Number System, Algebra, Geometry, Ratio and Percentage, Pattern Detection, Calendar and Clock

## SISSET-F2

Foundation Biology-2	Body Movements, The Living Organisms- Characteristics and habitats, Garbage in Garbage Out
Foundation Physics-2	Electricity and Circuits, Fun with Magnets
Foundation Chemistry-2	Changes Around Us, Water, Air around Us
Foundation Mathematics-3	Data Handling, Mensuration, Algebra
Foundation Mathematics-4	Ratio and Proportion, Symmetry, Practical Geometry
Foundation SST-2	History: The First Empire and an Inspiring Emperor, Life in Villages and Towns, Traders, Kings and Pilgrims, India Between the 4th and 7th Centuries A.D., Buildings, Paintings and books. Civics: How We Govern Our Communities - Panchayati Raj, Municipalities, Rural Administration, Making a living: Rural and Urban Livelihood. Geography: Our Country India, The Physical Division of India, Major Landforms of the Earth, India - Climate, India - Natural Vegetation and Wildlife
Foundation English-2	Section A (Grammar): Prepositions, Adverbs, Determiners, Active and Passive Voice, Conjunctions, Interjections, Punctuations. Section B (Vocabulary): One Word for Many, Suffixes and Prefixes. Section C (Writing): Letter Writing, Applications Writing Section D (Comprehension): Comprehension

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

Excellent Mathematics-2	Same Topics as in Round-1
-------------------------	---------------------------

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