

TN 10th Syllabus

Tamil Nadu Board 10th Syllabus for Mathematics:

Topics	Sub-topics
Relations and functions	Ordered Pair, Cartesian product, Relations, Functions, representation and types of Functions
Numbers and Sequences	Euclid's Division Lemma and Algorithm, Modular Arithmetic, Sequences, AP, Series, GP
Algebra	Simultaneous Linear Equations in three variables, GCD and LCM of Polynomials, Rational expressions, Square Root of Polynomials, Quadratic Equations and Graph, etc.
Geometry	Similarity, Thales Theorem and Angle Bisector Theorem, Pythagoras Theorem, Circles and Tangents, Concurrency Theorems
Coordinate Geometry	Area of a Triangle, Area of a Quadrilateral, Inclination of a Line, Straight Line, General Form of a Straight Line
Trigonometry	Trigonometric Identities, Heights and Distances
Mensuration	Surface Area, Volume, Volume and Surface Area of Combined Solids, Conversion of Solids from one shape to another with no change in Volume
Statistics and Probability	Measures of Dispersion, Coefficient of Variation, Probability, Algebra of Events, Addition Theorem of Probability

TN SSLC Syllabus - Social Science:

Part Name	Chapters Covered
History	Outbreak of World War I and Its Aftermath The World between two World Wars World war II The World after World War II Social and Religious Reform Movements in the 19th Century
Geography	India - Location, Relief and Drainage Climate and Natural Vegetation of India Components of Agriculture Resources and Industries India - Population, Transport, Communication and Trade
Civics	Indian Constitution Central Government State Government
Economics	Gross Domestic Product and its Growth: an Introduction Globalization and Trade

TN Class 10th Syllabus - Science:

Laws of Motion	Optics
Thermal Physics	Electricity
Acoustics	Nuclear Physics
Atoms and Molecules	Periodic Classification of Elements
Solutions	Types of Chemical Reactions
Carbon and its Compounds	Plant Anatomy and Plant Physiology

Structural Organisation of Animals	Transportation in Plants and Circulation in Animals
Nervous System	Plant and Animal Hormones
Reproduction in Plants and Animals	Heredity
Origin and Evolution of Life	Breeding and Biotechnology
Health and Diseases	Environmental Management
Visual Communication	

TN SSLC Syllabus - English:

<u>Section</u>	<u>Topics</u>
Section A	Vocabulary, Synonyms, Antonyms, Lexical
Section B	Grammar, Filling in, Transform, Punctuation
Section C	Prose, Textual Comprehension, Paragraph
Section D	Poetry, Memory, Comprehension, Paragraph
Section E	Language. Functions, Normal Comprehension, Error Spot

Tamil Nadu SSLC Exam Pattern:

<u>Part</u>	<u>Subject</u>	<u>Maximum Marks</u>	<u>Minimum Marks to be obtained for pass</u>
Part I	Tamil (Compulsory) - Paper I	100	35
	Tamil (Compulsory) - Paper II	100	
Part II	English- Paper I	100	35
	English- Paper II	100	
Part III	Mathematics	100	35
	Science	100	35
	Social Science	100	35
Part IV	Optional Language Telugu, Arabic, Malayalam, Kannada, Hindi, Gujarati Sanskrit, Tamil, French and Urdu	100	Not Prescribed