

SURA'S  
**TNPSC**  
**Combined Technical  
Services Examination**  
**General Studies**  
**Aptitude and Mental Ability**

**PAPER-I**

**Part B - GENERAL STUDIES**

GENERAL SCIENCE .....	(5 Questions)
GEOGRAPHY .....	(5 Questions)
HISTORY, CULTURE OF INDIA AND INDIAN NATIONAL MOVEMENT .....	(10 Questions)
INDIAN POLITY .....	(15 Question)
INDIAN ECONOMY AND DEVELOPMENT ADMINISTRATION IN TAMILNADU .....	(20 Questions)
தமிழ்நாட்டின் வரலாறு, மரபு, பண்பாடு மற்றும் சமூக-அரசியல் இயக்கங்கள் .....	(20 கேள்விகள்)

**Part C - APTITUDE AND MENTAL ABILITY**

APTITUDE .....	(15 Questions)
REASONING .....	(10 Questions)

**PREPARED AS PER  
THE NEW SYLLABUS  
RELEASED BY  
TNPSC**

**V.V.K.Subburaj**



**SURA COLLEGE OF COMPETITION**

Chennai

**B1078**

© PUBLISHERS

**TNPSC CTSE - PAPER-1 - GENERAL STUDIES & APTITUDE AND MENTAL ABILITY**

**ISBN: 978-93-6417-347-6**

**Code : B1078**

[NO ONE IS PERMITTED TO COPY OR TRANSLATE IN ANY OTHER LANGUAGE THE CONTENTS OF THIS BOOK OR PART THEREOF IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF THE PUBLISHERS]

## **SURA COLLEGE OF COMPETITION**

**Head Office:** 1620, 'J' Block, 16th Main Road, Anna Nagar,  
**Chennai - 600 040.** Phones: 044-48629977, 42043273

Printed at G.T. Krishna Press, Chennai - 600 102 and Published by  
V.V.K.Subburaj for Sura College of Competition  
1620, 'J' Block, 16th Main Road, Anna Nagar, Chennai - 600 040.  
Phone : 48629977

e-mail: [suracollege@gmail.com](mailto:suracollege@gmail.com); [enquiry@surabooks.com](mailto:enquiry@surabooks.com); website: [www.surabooks.com](http://www.surabooks.com)

# CONTENTS

Page

## PAPER-I

### ★ PART B - GENERAL STUDIES ★

GENERAL SCIENCE (5 Questions) .....	1 - 144
GEOGRAPHY (5 Questions).....	1- 96
HISTORY, CULTURE OF INDIA AND INDIAN NATIONAL MOVEMENT (10 Questions) .....	1 - 128
INDIAN POLITY (15 Question).....	1 - 144
INDIAN ECONOMY AND DEVELOPMENT ADMINISTRATION IN TAMILNADU (20 Questions) .....	1 - 208
தமிழ்நாட்டின் வரலாறு, மரபு, பண்பாடு மற்றும் சமூக-அரசியல் இயக்கங்கள் (20 கேள்விகள்) .....	1 - 96

### ★ PART C - APTITUDE AND MENTAL ABILITY ★

APTITUDE (15 Questions) .....	1 - 32
REASONING (10 Questions) .....	33 - 112
CURRENT EVENTS	



# COMBINED TECHNICAL SERVICES EXAMINATION

[Single Paper consisting of General Studies (75 Questions),  
Aptitude and Mental Ability (25 Questions)]

## Part B: GENERAL STUDIES (75 Questions)

### Unit I: General Science (5 Questions)

Nature of Universe - Measurement of physical quantities - General scientific laws in motion - force, pressure, and energy - Everyday application of the basic principles of mechanics, electricity, magnetism, light, sound, heat, and nuclear physics in our daily life; Elements and compounds, acids, bases, salts, petroleum products, fertilizers, pesticides, metallurgy, and food adulterants; main concepts of life science, classification of living organisms, evolution, genetics, physiology, nutrition, health and hygiene, human diseases; Environmental science; Latest inventions in science and technology; Current affairs.

### Unit II: Geography (5 Questions)

Earth location - Physical features - Monsoon, rainfall, weather, and climate - Water resources - Rivers - Soil, Minerals, and Natural resources - Forest and Wildlife - Agriculture pattern; Transport - Communication; Population density and distribution in Tamil Nadu and India; Calamities - Disaster management - Environment - Climate change; Geographical landmarks; Current affairs.

### Unit III: History, Culture of India, and Indian National Movement (10 Questions)

Indus Valley Civilization - Guptas, Delhi Sultans, Mughals, and Marathas - South Indian History; National Renaissance - Early uprising against British Rule - Indian National Congress - Emergence of Leaders - B.R.Ambedkar, Bhagat Singh, Bharathiar, V.O.Chidambaranar, Thanthai Periyar, Jawaharlal Nehru, Rabindranath Tagore, Kamarajar, Mahatma Gandhi, Maulana Abul Kalam Azad, Rajaji, Subhash Chandra Bose, Muthulakshmi Ammaiyar, Muvalur Ramamirtham, and other National Leaders; Different modes of agitation of Tamil Nadu and movements; Characteristics of Indian Culture, Unity in Diversity - Race, Language, Custom; India as a secular state.

### Unit IV: Indian Polity (15 Questions)

Constitution of India - Preamble to the Constitution - Salient features of the Constitution - Union, State, and Union Territory; Citizenship, Fundamental Rights, Fundamental Duties, Directive Principles of State Policy; Union Executive, Union Legislature - State Executive, State Legislature - Local Governments, Panchayat Raj; Spirit of federalism: Centre - State relationships; Election - Judiciary in India - Rule of Law; Corruption in public life - Anti-Corruption measures - Lokpal and Lokayukta - Right to Information - Empowerment of Women - Consumer Protection Forums - Human Rights Charter; Political parties and political system in Tamil Nadu and India; Current affairs.

### Unit V: Indian Economy and Development Administration in Tamil Nadu (20 Questions)

Nature of Indian economy - Five-year plan models - an assessment - Planning Commission and Niti Aayog; Sources of revenue - Reserve Bank of India - Finance Commission - Resource sharing between Union and State Governments - Goods and Services Tax; Economic trends - Employment generation, Land reforms and Agriculture - Application of Science and Technology in Agriculture; Industrial growth - Rural Welfare oriented programmes - Social problems - Population, Education, Health, Employment, Poverty; Social Justice and Social Harmony as the cornerstones of socioeconomic development; Education and Health systems in Tamil Nadu; Geography of Tamil Nadu and its impact on economic growth; Welfare schemes of Government; Current socio-economic issues; Current affairs.

### Unit VI: History, Culture, Heritage, and Socio-Political Movements of Tamil Nadu (20 Questions)

History of Tamil Society, related archaeological discoveries - Tamil Literature from Sangam age till contemporary times; Thirukkural - Significance as a Secular Literature - Relevance to everyday life - Impact of Thirukkural on Humanity - Thirukkural and Universal Values - Relevance to Sociopolitical-economic affairs - Philosophical content in Thirukkural; Role of Tamil Nadu in freedom struggle - Early agitations against British Rule - Role of women in freedom struggle; Various Social reformers, Social reform movements and Social transformation of Tamil Nadu.

## Part C: APTITUDE AND MENTAL ABILITY (SSLC Standard - 25 Questions)

### Unit I: Aptitude (15 Questions)

Simplification - Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM) - Ratio and Proportion - Simple interest - Compound interest - Area - Volume - Time and Work.

### Unit II: Reasoning (10 Questions)

Logical reasoning - Puzzles - Dice - Visual reasoning - Alpha numeric reasoning - Number series.