

Paper I**Part B: General Studies (SSLC Standard – 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, Muthulaksmi 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 socio-economic 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 Socio-politico-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