

Annexure-I**Combined Civil Services –I Examination****(Group – I Services)****Syllabus for Preliminary Examination****General Studies (Degree Standard)****Topics for Objective Type****SUBJECT CODE: 003****UNIT-I: GENERAL SCIENCE**

- (i) Scientific Knowledge and Scientific temper - Power of Reasoning - Rote Learning Vs Conceptual Learning - Science as a tool to understand the past, present and future.
- (ii) Nature of Universe - General Scientific Laws – Mechanics Properties of Matter, Force, Motion and Energy - Everyday application of the basic principles of Mechanics, Electricity and Magnetism, Light, Sound, Heat, Nuclear Physics, Laser, Electronics and Communications.
- (iii) Elements and Compounds, Acids, Bases, Salts, Petroleum Products, Fertilizers, Pesticides.
- (iv) Main concepts of Life Science, Classification of Living Organisms, Evolution, Genetics, Physiology, Nutrition, Health and Hygiene, Human diseases.
- (v) Environment and Ecology.

UNIT-II: CURRENT EVENTS

- (i) History - Latest diary of events - National symbols - Profile of States - Eminent personalities and places in news – Sports Books and authors.
- (ii) Polity - Political parties and political system in India - Public awareness and General administration - Welfare oriented Government schemes and their utility, Problems in Public Delivery Systems.
- (iii) Geography - Geographical landmarks.
- (iv) Economics - Current socio - economic issues.
- (v) Science - Latest inventions in Science and Technology.
- (vi) Prominent Personalities in various spheres- Arts, Science, Literature and Philosophy.

UNIT- III: GEOGRAPHY OF INDIA

- (i) Location – Physical features - Monsoon, Rainfall, Weather and Climate - Water Resources - Rivers in India - Soil, Minerals and Natural resources – Forest and Wildlife - Agricultural pattern.
- (ii) Transport - Communication.
- (iii) Social Geography – Population density and distribution - Racial, Linguistic Groups and Major Tribes.
- (iv) Natural calamity – Disaster Management – Environmental pollution: Reasons and preventive measures – Climate change – Green energy.

UNIT- IV: HISTORY AND CULTURE OF INDIA

- (i) Indus valley civilization - Guptas, Delhi Sultans, Mughals and Marathas - Age of Vijayanagaram and Bahmani Kingdoms -South Indian history.
- (ii) Change and Continuity in the Socio - Cultural History of India.
- (iii) Characteristics of Indian culture, Unity in diversity – Race, language, custom.
- (iv) India as a Secular State. Social Harmony.

UNIT-V: INDIAN POLITY

- (i) Constitution of India - Preamble to the Constitution - Salient features of the Constitution - Union, State and Union Territory.
- (ii) Citizenship, Fundamental rights, Fundamental duties, Directive Principles of State Policy.
- (iii) Union Executive, Union legislature - State Executive, State Legislature - Local Governments, Panchayat Raj.
- (iv) Spirit of Federalism: Centre - State Relationships.
- (v) Election - Judiciary in India - Rule of law.
- (vi) Corruption in public life - Anti-corruption measures - Lokpal and LokAyukta - Right to Information - Empowerment of women - Consumer protection forums, Human rights charter.

UNIT-VI: INDIAN ECONOMY

- (i) Nature of Indian economy - Five year plan models - an assessment - Planning Commission and Niti Ayog.
- (ii) Sources of revenue - Reserve Bank of India - Fiscal Policy and Monetary Policy - Finance Commission - Resource sharing between Union and State Governments - Goods and Services Tax.
- (iii) Structure of Indian Economy and 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.

UNIT-VII: INDIAN NATIONAL MOVEMENT

- (i) National Renaissance - Early uprising against British rule - Indian National Congress - Emergence of leaders - B.R.Ambedkar, Bhagat Singh, Bharathiar, V.O.Chidambaranar, Jawaharlal Nehru, Kamarajar, Mahatma Gandhi, Maulana Abul Kalam Azad, Thanthai Periyar, Rajaji, Subash Chandra Bose, Rabindranath Tagore and others.
- (ii) Different modes of Agitation: Growth of Satyagraha and Militant Movements.
- (iii) Communalism and partition.

UNIT- VIII: History, Culture, Heritage and Socio - Political Movements in Tamil Nadu

- (i) History of Tamil Society, related Archaeological discoveries, Tamil Literature from Sangam age till contemporary times.
- (ii) Thirukkural :
 - (a) Significance as a Secular literature
 - (b) Relevance to Everyday Life
 - (c) Impact of Thirukkural on Humanity
 - (d) Thirukkural and Universal Values - Equality, Humanism, etc
 - (e) Relevance to Socio - Politico - Economic affairs
 - (f) Philosophical content in Thirukkural
- (iii) Role of Tamil Nadu in freedom struggle - Early agitations against British Rule - Role of women in freedom struggle.
- (iv) Evolution of 19th and 20th Century Socio-Political movements in Tamil Nadu - Justice Party, Growth of Rationalism - Self Respect Movement, Dravidian Movement and Principles underlying both these movements, Contributions of Thanthai Periyar and Perarignar Anna.

UNIT – IX: Development Administration in Tamil Nadu

- (i) Human Development Indicators in Tamil Nadu and a comparative assessment across the Country – Impact of Social Reform movements in the Socio - Economic Development of Tamil Nadu.
- (ii) Political parties and Welfare schemes for various sections of people – Rationale behind Reservation Policy and access to Social Resources - Economic trends in Tamil Nadu – Role and impact of social welfare schemes in the Socio - Economic Development of Tamil Nadu.
- (iii) Social Justice and Social Harmony as the Cornerstones of Socio - Economic development.
- (iv) Education and Health systems in Tamil Nadu.
- (v) Geography of Tamil Nadu and its impact on Economic growth.
- (vi) Achievements of Tamil Nadu in various fields.
- (vii) E-governance in Tamil Nadu.

UNIT-X: APTITUDE AND MENTAL ABILITY

- (i) Simplification – Percentage – Highest Common Factor (HCF) – Lowest Common Multiple (LCM).
- (ii) Ratio and Proportion.
- (iii) Simple interest – Compound interest – Area – Volume – Time and Work.
- (iv) Logical Reasoning – Puzzles – Dice – Visual Reasoning – Alpha numeric Reasoning – Number Series.

COMBINED CIVIL SERVICES –I EXAMINATION
(Group - I Services)
Syllabus for Main Written Examination

PAPER - I

கட்டாயத் தமிழ் மொழித் தகுதித் தேர்வு (பத்தாம் வகுப்புத் தரம்)

PAPER - II (Degree Standard)

- UNIT- I : Modern history of India and Indian culture
 UNIT- II : Social issues in India and Tamil Nadu
 UNIT- III : General Aptitude & Mental Ability (**SSLC Standard**)

PAPER - III (Degree Standard)

- UNIT- I : Indian Polity and emerging political trends across the world affecting India
 UNIT- II : Role and impact of Science and Technology in the development of India
 UNIT- III : Tamil Society - Its Culture and Heritage

PAPER - IV (Degree Standard)

- UNIT- I : Geography of India with special reference to Tamil Nadu
 UNIT- II : Environment, Bio Diversity and Disaster Management
 UNIT- III : Indian Economy - Current economic trends and impact of global economy on India

COMBINED CIVIL SERVICES EXAMINATION - I
(Group-I Services) (Main Examination)
(Paper-I)

கட்டாயத் தமிழ் மொழித் தகுதித் தேர்விற்கான பாடத்திட்டம்

(விரிந்துரைக்கும் வகை வினாவின்கான தலைப்புகள்)

(பத்தாம் வகுப்புத் தரம்)

தேர்வுத் திட்டம்

1. மொழிபெயர்த்தல்

(i) தமிழிலிருந்து ஆங்கிலத்துக்கு மொழிபெயர்த்தல்

(ii) ஆங்கிலத்திலிருந்து தமிழுக்கு மொழிபெயர்த்தல்

2. சுருக்கி வரைதல்

3. பொருள் உணர்திறன்

4. சுருக்கக் குறிப்பிலிருந்து விரிவாக்கம் செய்தல்

5. திருக்குறள் தொடர்பான கட்டுரை வரைதல்

அ) மதச் சார்பற்ற தனித் தன்மையுள்ள இலக்கியம்

ஆ) அன்றாட வாழ்வியலோடு தொடர்புத் தன்மை

இ) மானுடத்தின் மீதான திருக்குறளின் தாக்கம்

ஈ) திருக்குறளும் மாறாத விழுமியங்களும் - சமத்துவம், மனிதநேயம் முதலானவை

உ) சமூக அரசியல் பொருளாதார நிகழ்வுகளில் திருக்குறளின் பொருத்தப்பாடு

ஊ) திருக்குறளில் தத்துவக் கோட்பாடுகள்

6. கடிதம் வரைதல் (அலுவல் சார்ந்தது)

7. தமிழ் மொழி அறிவு

பாடத்திட்டம்

1. தற்கால நிகழ்வுகள்
2. சமுதாயப் பிரச்சனைகள்
3. சுற்றுச்சூழல் தொடர்பான தலைப்புகள்
4. இந்தியப் பொருளாதரம் தொடர்பான தலைப்புகள்
5. அறிவியலும் தொழில்நுட்பமும்
6. கலையும் பண்பாடும்
7. பகுத்தறிவு இயக்கங்கள் - திராவிட இயக்கம், சுயமரியாதை இயக்கம்.
8. இக்காலத் தமிழ்மொழி - கணினித் தமிழ், வழக்கு மன்றத் தமிழ், அலுவலக மொழியாகத் தமிழ், புதிய வகைமைகள்.
9. தமிழ்நாட்டின் சமூகப் பொருளாதார முன்னேற்றம் மற்றும் தமிழக அரசின் நலத்திட்டங்கள் (பெண்கள் விவசாயிகள்...), சமூக நலத்திட்டங்களை நடைமுறைப்படுத்துதலில் சமூக சீர்திருத்த இயக்கங்களின் பங்கு - இட ஒதுக்கீடும் அதன் பயன்களும் - தமிழ்நாட்டின் சமூகப் பொருளாதார வளர்ச்சியில் சமூக நீதி மற்றும் சமூக ஒற்றுமையின் பங்கு.
10. சொந்த வாக்கியத்தில் அமைத்து எழுதுக, பொருள் வேறுபாடு அறிதல், பிரித்தெழுதுக, எதிர்ச்சொல், எதிர்மறை வாக்கியம், பிழை நீக்கி எழுதுக.
11. திருக்குறளிலிருந்து கீழ்க்காணும் தலைப்புகள் தொடர்பாக கட்டுரை எழுதுதல்
 - அ) மதச் சார்பற்ற தனித் தன்மையுள்ள இலக்கியம்
 - ஆ) அன்றாட வாழ்வியலோடு தொடர்புத் தன்மை
 - இ) மானுடத்தின் மீதான திருக்குறளின் தாக்கம்
 - ஈ) திருக்குறளும் மாறாத விழுமியங்களும் - சமத்துவம், மனிதநேயம் முதலானவை
 - உ) சமூக அரசியல் பொருளாதார நிகழ்வுகளில் திருக்குறளின் பொருத்தப்பாடு
 - ஊ) திருக்குறளில் தத்துவக் கோட்பாடுகள்

COMBINED CIVIL SERVICES EXAMINATION- I

(Group - I Services) (Main Examination)

(Degree Standard)

PAPER – II - General studies

UNIT- I: MODERN HISTORY OF INDIA AND INDIAN CULTURE

Advent of European invasion - Expansion and consolidation of British rule - Early uprising against British rule - 1857 Revolt - Indian National Congress - Growth of militant movements - Different modes of agitations - Emergence of national leaders - Gandhi, Nehru, Tagore, Netaji, Moulana Abulkalam Azad, Ambedkar and Patel - Era of different Acts & Pacts - Second World War & final phase struggle - Communalism led to partition.

Effect of British rule on socio-economic factors - National renaissance - Socio religious reform movements.

India since independence - Characteristics of Indian culture - Unity in diversity - Race, Language, Religion Custom - India: a secular state - Organizations for fine arts, dance, drama and music.

Role of Tamil Nadu in freedom struggle - Bharathiar, VOC, Subramania Siva, Rajaji, Periyar and others - Political parties and Welfare schemes.

Latest diary of events: National and International - National symbols- Eminent personalities & places in news - Sports & Games - Books & Authors - Awards & Honours - Cultural panorama - Latest historical events - Latest terminology - Appointments - who is who?

UNIT- II: SOCIAL ISSUES IN INDIA AND TAMIL NADU

Population Explosion - Unemployment issues in India & Tamil Nadu - Child Abuse & Child Labour - Poverty - Rural and Urban Sanitation – Illiteracy.

Women Empowerment - Role of the Government in Women Empowerment - Social injustice to Women - Domestic violence, Dowry menace, Sexual assault - Role of women and women's organisations

Social changes in India - Urbanization and its impact on the society – Problems and remedies - Impact of violence on Society – Religious violence, Terrorism and Communal violence - Regional Disparities - Problems of Minorities - Human Rights issues.

Education – Linkage between Education and Social Development - Community Development Programmes - Employment Guarantee Schemes - Self Employment and Entrepreneurship Development - Role of N.G.Os in Social Welfare – Government Policy on Health.

Welfare Schemes for vulnerable sections of the population by the Central and State governments and their performance.

Current Affairs

UNIT-III: GENERAL APTITUDE & MENTAL ABILITY
(SSLC Standard)

Conversion of information to data - Collection, compilation and presentation of data - Tables, Graphs, Diagrams - Parametric representation of data - Analytical interpretation of data - Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM) - Ratio and Proportion - Simple interest - Compound interest - Area - Volume- Time and Work - Probability.

Information technology - Basic terms, Communications - Application of Information and Communication Technology (ICT) - Decision making and problem solving - Basics in Computers / Computer terminology.

COMBINED CIVIL SERVICES EXAMINATION- I

(Group - I Services) (Main Examination)

(Degree Standard)

PAPER – III - General studies

**UNIT – I: INDIAN POLITY AND EMERGING POLITICAL TRENDS
ACROSS THE WORLD AFFECTING INDIA**

Constitution of India: Historical background - Making of the Indian Constitution - Preamble - Salient features of the Indian Constitution - Fundamental Rights and Fundamental Duties - Directive Principles of State Policy - Schedules to the Indian Constitution.

Union Executive: President, Vice - President, Prime Minister and Council of Ministers, Attorney General of India.

Union Legislature: Parliament: Lok - Sabha and Rajya - Sabha - Composition, Powers, Functions and Legislative procedures.

Union Judiciary: Structure, Powers and Functions of the Supreme Court - Judicial Review - Latest Verdicts.

State Executive: Governor, Chief Minister - Speaker and Council of Ministers, Advocate General of the State.

State Legislature: State Legislative Assembly - Organization, Powers and Functions.

State Judiciary: Organisation, Powers and Functions of High Courts, District Courts and Subordinate Courts.

Local Government: Historical Development - Features and working of 73rd and 74th Constitutional Amendment Act, 1992.

Union Territories: Evolution of States and Union Territories - Administration of Union Territories.

Federalism in India: Centre - State Relations - Centre - State Administrative Relations - Centre - State Legislative Relations and Centre - State Financial Relations.

Civil Services in India: Historical background - Classification of Civil Services – Recruitment & Training of Civil Servants.

State Services: Classification of State Services and Recruitment.

Official Language: Constitutional provision - Official Language Act, VIII Schedule to the Constitution.

Amendments: Major Amendments to the Indian Constitution.

Special Status to Jammu & Kashmir: Art 370.

Political Parties: National & Regional parties, Pressure Groups, Interest Groups, Public Opinion, Mass Media, Non-Governmental Organizations (NGOs) and their role.

Issue Areas in Indian Administration: Corruption in India - Anti - Corruption Measures - CVC - Lok Adalats - Ombudsman - RTI Act - Minister - Secretary Relationship - Generalist vs. Specialist controversy.

Constitutional and Non-Constitutional Bodies - Composition, Powers and Functions.

Profile of States - Defence, National Security and Terrorism - World Organisations - Pacts and Summits.

India's Foreign Policy: Foreign Affairs with Special emphasis on India's relations with neighbouring countries and in the region - Security and defence related issues - Nuclear Policy - Issues and conflicts. The Indian Diaspora and its contribution to India and to the World.

Current Affairs

UNIT – II: ROLE AND IMPACT OF SCIENCE AND TECHNOLOGY IN THE DEVELOPMENT OF INDIA

Science and Technology – Role, Achievements and Developments - Their applications and effects in everyday life - Energy - Conventional and Non-conventional - Self-sufficiency - Oil exploration - Defence Research Organizations and other science and technology institutions - Ocean Research and Development - Role and Functions.

Advancements in the fields of I.T., Space, Computers, Robotics, Nano-Technology - Mobile Communication - Remote sensing and its benefits.

Health and hygiene - Human diseases - Prevention and remedies - Communicable diseases and non-communicable diseases - Genetic Engineering - Organ transplantation - Stem cell Technology - Medical Tourism - Advancements in Horticulture & Agriculture.

Achievements of Indians in the fields of Science and Technology.

Latest inventions in science & technology.

UNIT – III: TAMIL SOCIETY - ITS CULTURE AND HERITAGE

Candidates may answer the questions in this unit EITHER in Tamil OR in English.

- 1) Tamil Society: Origin and expansion.
- 2) Art and Culture: Literature, Music, Film, Drama, Architecture, Sculpture, Paintings and Folk Arts.
- 3) Socio - economic history of Tamil Nadu from Sangam age to till date.
- 4) Growth of Rationalist, Dravidian movements in Tamil Nadu - Their role in the socio – economic development of Tamil Nadu.
- 5) Social and cultural life of contemporary Tamils: Caste, Religion, Women, Politics, Education, Economy, Trade and relationship with other countries.
- 6) Tamil and other Disciplines: Mass Media, Computer etc.

COMBINED CIVIL SERVICES EXAMINATION- I

(Group - I Services) (Main Examination)

(Degree Standard)

PAPER – IV - General studies

UNIT-I: GEOGRAPHY OF INDIA WITH SPECIAL REFERENCE TO TAMILNADU

Location - Physical features - Major Rivers - Weather & Climate - Monsoon, Rainfall - Natural resources:- Soil, Water, Forest, Minerals and Wild life - Agricultural pattern - Livestock - Fisheries - Industries; Major industries - Growth and Development - Social- Cultural geography - Population : Growth, Density and Distribution - Racial, linguistic and major tribes.

Oceanography - Bottom relief features of Indian Ocean, Arabian sea and Bay of Bengal.

Basics of Geospatial Technology: Geographical Information System (GIS) and Global Navigation Satellite System (GNSS).

Map: Geographical landmarks - India and its neighbours.

Current Affairs**UNIT II: ENVIRONMENT, BIODIVERSITY AND DISASTER MANAGEMENT**

Ecology: Structure and function of Ecosystem – Ecological succession – Biodiversity conservation: Types – Biodiversity Hot Spots in India – Biodiversity : Significance and Threats – *In situ* and *Ex situ* conservation measures – Roles of Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), International Union for Conservation of Nature (IUCN) & Convention on Biological Diversity (CBD).

Environmental Pollution and Management: Air, Water, Soil, Thermal and Noise pollution and control strategies – Solid and Hazardous waste management – Environmental Impact Assessment (EIA): Steps in EIA process – Environmental Clearance – Environmental Auditing.

Climate Change: Global Environmental Issues and Management – Changes in monsoon pattern in Tamil Nadu and India – Environmental Consequences of climate change and mitigation measures – Clean and Green Energy – Environmental Sustainability.

Environmental Laws, Policies & Treaties in India and Global scenario - Natural calamities and Disaster Management – Environmental Health and Sanitation.

Current Affairs**UNIT III: INDIAN ECONOMY - CURRENT ECONOMIC TRENDS AND IMPACT OF GLOBAL ECONOMY ON INDIA**

Features of Indian Economy – Demographical profile of India – National Income – Capital formation - NEP (New Economic Policy) – NITI AYOOG – National Development Council.

Agriculture – Role of Agriculture – Land reforms – New Agricultural Strategy – Green Revolution – Price Policy, Public Distribution System (PDS), Subsidy, Food Security– Agricultural Marketing, Crop Insurance, Labour – Rural credit & indebtedness – WTO & Agriculture.

Industry - Growth - Policy – Role of public sector and disinvestment – Privatisation and Liberalization – Public Private Partnership (PPP) – SEZs. – MSMEs. – Make in India.