

COMBINED CIVIL SERVICES - I
Group I Services
(Preliminary Examination)
General Studies - Degree standard
TOPICS FOR OBJECTIVE TYPE

UNIT - I: General Science

Physics - Universe - General Scientific laws - Scientific instruments - Inventions and discoveries - National scientific laboratories - Science glossary-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy- electricity and Magnetism - electronics & communications - Heat, light and sound-Atomic and nuclear physics-Solid State Physics-Spectroscopy – Geophysics - Astronomy and space science.

Chemistry - Elements and Compounds-Acids, bases and salts - Oxidation and reduction – Chemistry of ores and metals -Carbon, nitrogen and their compounds-Fertilizers, pesticides, insecticides-Biochemistry and biotechnology-Electrochemistry-Polymers and plastics.

Botany - Main Concepts of life science-The cell-basic unit of life-Classification of living organism-Nutrition and dietetics-Respiration-Excretion of metabolic waste-Bio-communication.

Zoology - Blood and blood circulation-Endocrine system-Reproductive system-Genetics the science of heredity-Environment, ecology, health and hygiene, Bio-diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non- communicable diseases-Alcoholism and drug abuse-Animals, plants and human life.

UNIT - II: Current Events

History - Latest diary of events – National - National symbols -Profile of States-Defence, national security and terrorism-World organizations-pacts and summits-Eminent persons & places in news-Sports & games-Books & authors -Awards & Honours-Cultural panorama-Latest historical events- India and its neighbours- Latest terminology- Appointments-who is who?

Political Science - India's foreign policy - Latest court verdicts – public opinion - Problems in conduct of public elections- Political parties and political system in India- Public awareness & General administration- Role of Voluntary organizations & Govt.,- Welfare oriented govt. schemes, their utility.

Geography - Geographical landmarks-Policy on environment and ecology.

Economics- Current socio-economic problems-New economic policy & Govt. sector.

Science - Latest inventions on science & technology - Latest discoveries in Health Science - Mass media & communication.

UNIT – III: Geography - Earth and Universe - Solar system - Atmosphere hydrosphere, lithosphere - Monsoon, rainfall, weather and climate - Water resources - rivers in India - Soil, minerals & natural resources - Natural vegetation - Forest & wildlife - Agricultural pattern, livestock & fisheries - Transport & communication - Social geography - population - density and distribution - Natural calamities - disaster management - Climate change - impact and consequences - mitigation measures - Pollution Control.

UNIT – IV: History and culture of India - Pre-historic events - Indus valley civilization - Vedic, Aryan and Sangam age - Maurya dynasty - Buddhism and Jainism - Guptas, Delhi Sultans, Mughals and Marathas - Age of Vijayanagaram and the bahmanis - South Indian history - Culture and Heritage of Tamil people - Advent of European invasion - Expansion and consolidation of British rule - Effect of British rule on socio-economic factors - Social reforms and religious movements - India since independence - Characteristics of Indian culture - Unity in diversity - race, colour, language, custom - India as secular state - Organizations for fine arts, dance, drama, music - Growth of rationalist, Dravidian movement in TN - Political parties and populist schemes - Prominent personalities in the various spheres - Arts, Science, literature and Philosophy - Mother Teresa, Swami Vivekananda, Pandit Ravishankar, M.S. Subbulakshmi, Rukmani Arundel and J. Krishnamoorthy etc.

UNIT – V : INDIAN POLITY - Constitution of India - Preamble to the constitution - Salient features of constitution - Union, State and territory - Citizenship - rights and duties - Fundamental rights - Fundamental duties - Human rights charter - Union legislature - Parliament - State executive - State Legislature - assembly - Status of Jammu & Kashmir - Local government - panchayat raj - Tamil Nadu - Judiciary in India - Rule of law / Due process of law - Indian federalism - center - state relations - Emergency provisions - Civil services in India - Administrative challenges in a welfare state - Complexities of district administration - Elections - Election Commission Union and State - Official language and Schedule - VIII - Amendments to constitution - Schedules to constitution - Administrative reforms & tribunals - Corruption in public life - Anti-corruption measures - Central Vigilance Commission, lok-adalats, Ombudsman, Comptroller and Auditor General of India. - Right to information - Central and State Commission - Empowerment of women - Voluntary organizations and public grievances redressal - Consumer protection forms.

UNIT – VI: INDIAN ECONOMY - Nature of Indian economy - Five-year plan models - an assessment - Land reforms & agriculture - Application of science in agriculture - Industrial growth - Capital formation and investment - Role of public sector & disinvestment - Development of infrastructure - National income - Public finance & fiscal policy - Price policy & public distribution - Banking, money & monetary policy - Role of Foreign Direct Investment (FDI) - WTO - globalization & privatization - Rural welfare oriented programmes - Social sector problems - population, education, health, employment, poverty - HRD - sustainable economic growth - Economic trends in Tamil Nadu - Energy Different sources and development - Finance Commission - Planning Commission - National Development Council.

UNIT – VII: INDIAN NATIONAL MOVEMENT - National renaissance- Early uprising against British rule-1857 Revolt- Indian National Congress - Emergence of national leaders- Gandhi, Nehru, Tagore, Netaji -Growth of militant movements - Different modes of agitations-Era of different Acts & Pacts-World war & final phase struggle - Communalism led to partition- Role of Tamil Nadu in freedom struggle - Rajaji, VOC, Periyar, Bharathiar & Others - Birth of political parties /political system in India since independence.

UNIT – VIII : APTITUDE & MENTAL ABILITY TEST - Conversion of information to data - Collection, compilation and presentation of data - Tables, graphs, diagrams- Parametric representation of data-Analytical interpretation of data -Simplification- Percentage-Highest Common Factor (HCF)-Lowest Common Multiple (LCM)-Ratio and Proportion-Simple interest-Compound interest-Area-Volume-Time and Work- Behavioral ability - Basic terms, Communications in information technology - Application of Information and Communication Technology (ICT) - Decision making and problem solving.

Logical Reasoning: Puzzles – Dice - Visual Reasoning- Alpha numeric Reasoning- Number Series - Logical Number/Alphabetical/Diagrammatic Sequences.

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(Syllabus)

COMBINED CIVIL SERVICES EXAMINATION- I

Group - I Services (Main Examination)

(Degree Standard)

PAPER - I

- 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 - II

- 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 - III

- 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

SYLLABUS

COMBINED CIVIL SERVICES EXAMINATION - I

Group - I Services (Main Examination)

(Degree Standard)

PAPER – I - 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 – II - 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

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PAPER – III - 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 AYOJ – 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.

Infrastructure in India – Transport System - Energy – Power – Communication - Social Infrastructure - Science & Technology - R&D.

Banking & Finance – Banking, Money & Finance – Central Bank – Commercial Bank – NBFIs. - Stock Market – Financial Reforms – Financial Stability – Monetary Policy – RBI & Autonomy.

Public Finance – Sources of Revenue – Tax & Non-Tax Revenue – Canons of taxation – GST – Public expenditure – Public debt – Finance Commission – Fiscal Policy.

Issues in Indian Economy – Poverty & inequality – Poverty alleviation programmes – MGNREGA – New Welfare programmes for rural poverty – Unemployment – Inflation – Inflation targeting – Sustainable economic growth – Gender issues.

India's Foreign Trade – BOP, EX-IM Policy, FOREX Market, FDI; Globalization & its impact – Global economic crisis & impact on Indian economy.

International Agencies – IMF (International Monetary Fund) World Bank - BRICS - SAARC - ASEAN.

Tamil Nadu Economy & Issues – Gross State Domestic Product – Trends in State's economic growth – Demographic profile of Tamil Nadu – Agriculture – Industry & entrepreneurship development in Tamil Nadu – Infrastructure – Power, Transportation systems – Social Infrastructure – SHGs. & Rural Women empowerment – Rural poverty & unemployment – Environmental issues – Regional economic disparities – Local Government - Recent government welfare programmes.

Current Affairs
