



Combined Civil Services (Preliminary) Examination – II (Group II and IIA Services)

Part A: General Studies (Degree Standard – 75 Questions)

Unit I: General Science (5 Questions)

Concepts:

- Scientific knowledge
- Scientific temper
- Power of reasoning
- Rote learning vs conceptual learning
- Science as a tool to understand the past, present and future

Physics

- Nature of universe
- General scientific laws
- Mechanics
- Properties of
 - Matter
 - Force
 - Motion
 - Energy
- Everyday application of the basic principles of mechanics
- Electricity and magnetism
- Light and sound
- Heat
- Nuclear physics
- Laser
- Electronics and communications

Chemistry

- Elements and compounds
- Acids, bases and salts
- Petroleum products
- Fertilizers
- Pesticides

Life Science

- Main concepts of life science
- Classification of living organisms
- Evolution
- Genetics,
- Physiology
- Nutrition
- Health and hygiene
- Human diseases

Environment and ecology

Latest inventions in science and technology

Current affairs

Unit II: Geography of India (5 Questions)

Physical Geography

- Location
- Physical features
- Monsoon, rainfall, weather and climate
- Water resources
- Rivers in India
- Soil
- Minerals
- Natural Resources
- Forest and Wildlife
- Agricultural pattern
- Transport and Communication

Social Geography

- Population density and distribution
- Racial
- Linguistic groups
- Major tribes

Disaster

- Natural calamity
- Disaster management

Environment

- Environmental pollution
- Reasons and preventive measures
- Climate change
- Green energy

Geographical landmarks

Current affairs

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

Ancient India

- Indus Valley Civilization – Guptas

Medieval India

- Delhi Sultans
- Mughals
- Marathas
- Age of Vijayanagaram
- Bahmani Kingdoms

South Indian History

Change and continuity in the socio-cultural history of India

Modern India

- National Renaissance
- Early uprising against British rule
- Indian National Congress

Different modes of agitation:

- Growth of Satyagraha
- Militant Movements
- Communalism and Partition

Emergence of leaders

- Rabindranath Tagore
- Mahatma Gandhi
- B.R.Ambedkar
- Jawaharlal Nehru
- Maulana Abul Kalam Azad
- Bhagat Singh
- Subash Chandra Bose
- Bharathiar
- V.O.Chidambaranar
- Kamarajar
- Thanthai Periyar
- Rajaji
- Others

Characteristics of Indian Culture

- Unity in Diversity

- Race
- Language
- Custom
- India as a secular state
- Social harmony

Prominent personalities in various spheres

- Arts
- Science
- Literature
- Philosophy

Unit IV: Indian Polity (15 Questions)

Constitution of India

- Preamble to the Constitution
- Salient features of the Constitution
- Union
- State
- 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 Lok Ayukta
- Right to Information
- Empowerment of Women
- Consumer Protection Forums
- Human Rights Charter
- Political parties
- Political system in 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
- NITI Aayog
- Sources of revenue
- Reserve Bank of India
- Fiscal Policy
- Monetary Policy
- Finance Commission
- Resource sharing between Union and State Governments
- Goods and Services Tax
- 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

Development Administration in Tamilnadu

- 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
- Political parties and welfare schemes for various sections of people
- Rationale behind the reservation policy, and access to the social resources
- Economic trends in Tamil Nadu
- Role and impact of social welfare schemes in the socio-economic development of Tamil Nadu
- 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
- Achievements of Tamil Nadu in various fields
- E-Governance in Tamil Nadu
- Public awareness and General administration
- Welfare oriented Government schemes and their utility

- Problems in public delivery systems
- Current socio-economic issues

Current affairs

Unit VI: History, Culture, Heritage, and Socio-Political Movements in Tamil Nadu (40 Questions)

Tamil Society - Culture and Its Heritage

- History of Tamil Society
- 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-political economic affairs
- Philosophical content in Thirukkural

History of Tamilnadu

- Role of Tamil Nadu in freedom struggle
- Early agitations against British Rule
- Role of women in freedom struggle

Socio-Political Movements in TN

- Evolution of 19th and 20th century socio-political movements in Tamil Nadu
- Justice Party
- Growth of Rationalism
- Self-Respect Movement
- Dravidian Movement
- Principles underlying both these movements
- Contributions of Thanthai Periyar
- Contributions of Perarignar Anna

Part B: Aptitude and Mental Ability

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

