



## Combined Civil Services (Preliminary) Examination – I (Group I Services)

### SCHEME OF EXAMINATION

UNIT	SUBJECT	MARKS
<b>PART A - GENERAL STUDIES (175 Questions)</b>		
Unit I	General Science	10 Questions
Unit II	Geography of India	10 Questions
Unit III	History, Culture of India, and Indian National Movement	25 Questions
Unit IV	Indian Polity	40 Questions
Unit V	Indian Economy and Development Administration in Tamil Nadu	50 Questions
Unit VI	History, Culture, Heritage, and Socio-Political Movements in Tamil Nadu	40 Questions
<b>PART B - APTITUDE &amp; MENTAL ABILITY (25 Questions)</b>		
Unit I	Aptitude	15 Questions
Unit II	Reasoning	10 Questions
<b>Total</b>		<b>200 Questions</b>

### Part A: General Studies

#### Unit I: General Science (10 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 (10 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 (25 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

## **National symbols**

## **Current affairs**

- Eminent personalities and places in news
- Sports
- Books and Authors

## **Unit IV: Indian Polity (40 Questions)**

### **Constitution of India**

- Preamble
- 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

## **Current affairs**

### **Unit V: Indian Economy and Development Administration in Tamil Nadu (50 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 of 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