UNIT – I: General 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, Biodiversity 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


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.


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.


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COMBINED CIVIL SERVICES - I
GROUP - I A SERVICES (PRELIMINARY EXAMINATION)
GENERAL STUDIES (DEGREE STANDARD)
TOPICS FOR OBJECTIVE TYPE

SUBJECT CODE: 301

UNIT – I: GENERAL SCIENCE


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.


UNIT - II: CURRENT EVENTS

**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 & Government 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 bahanais - 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 POLITICS

UNIT VI: INDIAN ECONOMY

UNIT VII: INDIAN NATIONAL MOVEMENT
National renaissance - Early uprising against British rule - 1857 Revolt - Indian - 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 TESTS**

**Logical Reasoning:** Puzzles- Dice - Visual Reasoning - Alpha numeric Reasoning - Number Series - Logical Number/Alphabetical/Diagrammatic Sequences.
UNIT – I: HISTORY: MODERN INDIA

Advent of European invasion- Effect of British rule on socio-economic factors - Social reforms and religious movements - India since independence - Characteristics of Indian culture - India - a secular state - Organizations for fine arts, dance, drama, music - Growth of rationalist, Dravidian movement in Tamil Nadu - Political parties and populist schemes - National renaissance - Early uprising against British rule - 1857 Revolt - Indian National Congress - Emergence of national leaders - 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.

UNIT – II: SCIENCE AND TECHNOLOGY


UNIT – III: INDIAN POLITY

federalism - centre state relations - Judiciary in India - Rule of law /Due process of law - 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 - Administration of Union and States with special reference to Tamil Nadu.

UNIT – IV: INDIA Vs FOREIGN NATIONS

India’s foreign policy - Foreign Affairs with special emphasis on India’s relations with neighbouring countries and in the region - Security and defence related matters - Nuclear policy, issues and conflicts -The Indian Diaspora and its contribution to India and the world.

UNIT – V: INDIAN 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 including Surface Transport & communication - Social geography - population - density and distribution - Natural calamities - disaster management - Bottom topography of Indian ocean, Arabian Sea and Bay of Bengal - Climate change - impact and consequences - mitigation measures - Pollution Control.

UNIT – VI: CURRENT AFFAIRS


UNIT VII: 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 -
UNIT VIII: SOCIO ECONOMIC ISSUES

UNIT –I: COMPREHENSION

From a given passage (prose or poem) comprehend and identify the central theme and answer questions based thereon. The candidate would not be asked to evaluate or assess the argument, its tone or style.

UNIT –II: USE OF VERBS, ARTICLES AND PREPOSITIONS

Use of verbs, articles and prepositions in different contexts. Construction of sentence. Detecting common mistakes in the usage of verbs, articles and prepositions.

UNIT –III: VOCABULARY

Knowledge of words, phrases and idiomatic expression in common English usage to describe different activities, situations and contexts. Differentiate between the usage and meaning of words having similar vocalization (example: flora/fauna; efficiency/efficacy/effectiveness; price/prize; affect/effect; etiquette/attitude etc.) and detect the commonly committed mistakes. Construction of sentence.

UNIT – IV: LETTER WRITING

Writing letters on following themes:

a) Seeking leave of absence from duty to attend to a personal work from the employer/official superior
b) Writing a letter to the editor of the leading newspaper or magazine expressing candidate’s views on a topic of general or local importance
c) Writing a letter of condolence to a friend or a colleague on the demise of a close relative or friend.
d) Writing a letter congratulating a friend on his promotion or election to an office of prestige or influence or on his passing a public exam or on a happy event like wedding or birth in the friend’s family
e) Writing a letter to a close friend or family member informing him or her about the candidate’s travel to an exciting place and witnessing an unusual event.
UNIT – V: PRÉCIS WRITING

Read and understand a given passage, sifting the essential from the non-essential information and prepare a cohesive summary not exceeding 1/3rd the size of the given passage and give a suitable eye catching title.

UNIT – VI: ESSAY WRITING

Write an essay of 250 to 300 words on a matter of topical interest (Political, economic, religious, cultural, environmental, social, socio-economic etc.)
COMBINED CIVIL SERVICES - I
Group I C Services (Preliminary Examination)
General studies (Degree Standard)
Topics for Objective Type

UNIT – I: General 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.


UNIT - II: Current Events

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.


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 bahanaris - 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 a 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 - 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.


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

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COMBINED CIVIL SERVICES - I
Group I C Services (Main Examination)

PAPER – I - General studies (Degree Standard)
Topics for Descriptive type

UNIT - 1: Modern history of India and Indian culture - 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 - a secular state - Organizations for fine arts, dance, drama, music - Growth of rationalist, Dravidian movement in Tamil Nadu - Political parties and populist schemes - 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.


COMBINED CIVIL SERVICES - I  
Group I C Services (Main Examination)  
PAPER – II - General studies (Degree Standard)  
Topics for Descriptive type 

UNIT – I - Indian polity and emerging political trends across the world affecting India and Geography of India 


a. Emerging political trends across the world affecting India 

Foreign Affairs with special emphasis on India’s relations with neighbouring countries and in the region -Security and defence related matters - Nuclear policy, issues and conflicts-The Indian Diaspora and its contribution to India and the world. 

b. Geography of India 

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 - Centers of trade, commerce & art - Social geography - population - density and distribution - Natural calamities - disaster management - Bottom topography of Indian ocean, Arabian Sea and Bay of Bengal - Climate change - impact and consequences - mitigation measures - Pollution Control. 

Candidates may choose to answer EITHER the Tamil question only in Tamil OR the English question only in English. Candidates writing in English shall if they choose to answer the Tamil question, write only in Tamil.

2. Tamil language. Tamil society - it’s culture and Heritage / English Language

1, கருவியம் பாணம்– குரும் கருவியம் பாணம்
2, பெற்று குரும் பாணம் கருவியம் - கை, கல், அத்துறை, கருவியம் பாணம் லோக்குற்றமும்.
3, குரும் பாணம் பாணம் பாணம் கருவியம்- கை, கல், லங்கும்
4, குரும் பாணம் பாணம் பாணம், கருவியம்- கை, கல், லங்கும், நீர்மதும், கரும், பாணம் லோக்குற்றமும்
5, குரும் பாணம் பாணம் பாணம் கரும் லோக்குற்றம் - கை, கல், லங்கும், பாணம், அத்துறை, லங்கும், பாணம், லோக்குற்றம் (OR)
**English Language Skills**

1. Précis writing.
2. Report writing on current issues.
3. Comprehension of a given passage and answering questions thereupon.

**3. Administration of Union and States with special reference to Tamil Nadu**

State government organization - structure, functions and control mechanism - District administration - role in people’s welfare oriented programmes - Industrial map of Tamil Nadu - role of state government - Public Services - role of recruitment agencies - State finance - resources, budget and financial administration - Use of IT in administration - e-governance in the State - Natural calamities - strategic planning in the State - Social welfare - Government sponsored schemes with reference to Tamil Nadu - Union government organization - structure, functions and control mechanism - Relationship between State and Union - Industrial map of India - role of Union government - Public Services - role of recruitment agencies in Union Government - Union finance - resources, budget and financial administration - Use of IT in administration - e-governance in Union Government - Natural calamities - strategic planning by the Union - Social welfare - government sponsored schemes by Government of India.

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