

COMBINED CIVIL SERVICES – II

General Studies

Preliminary Examination

(for Group-II(CSSE-I) Services)

200 ITEMS - 300 MARKS

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 -Heat, light and sound-Atomic and nuclear physics.

Chemistry-Elements and Compounds-Acids, bases and salts-Oxidation and reduction-Chemistry of ores and metals-Carbon, nitrogen and their compounds-Fertilizers, pesticides, insecticides

Botany--Main Concepts of life science-The cell-basic unit of life-Classification of living organism---Nutrition and dietetics-Respiration

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

Unit-II. Current Events

History Latest diary of events – National-National symbols-Profile of States -Eminent persons & places in news-Sports & games-Books & authors -Awards & honours-Latest historical events-- India and its neighbours - Appointments-who is who?

Political Science 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- Social geography – population-density and distribution-Natural calamities – disaster management-

Unit IV. History and culture of India

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 - 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- Elections - Election Commission Union and State- 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.

UNIT- VI. INDIAN ECONOMY

Nature of Indian economy- Five-year plan models-an assessment-Land reforms & agriculture-Application of science in agriculture-Industrial growth-Role of public sector & disinvestment-Development of infrastructure- National income 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 - VI. INDIAN NATIONAL MOVEMENT

Early uprising against British rule-1857 Revolt- Indian National Congress-Emergence of national leaders-Gandhi, Nehru, Tagore, Netaji-Growth of militant movements - 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- VII. MENTAL ABILITY TESTS

Conversion of information to data--Collection, compilation and presentation of data
Tables, graphs, diagrams-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
Decision making and problem solving-Logical Reasoning-Puzzles-Dice-Visual
Reasoning-Alpha numeric Reasoning-Number Series- Logical
Number/Alphabetical/Diagrammatic Sequences

COMBINED CIVIL SERVICES – II

CSSE-I (GROUP-II) Service Main Examination
General Studies (Degree Standard)

PAPER-I(Objective type)

Unit-I Role and impact of science and Technology in the Development of India and Tamil Nadu.

Nature of universe-General scientific laws-Scientific instruments-Inventions and discoveries -Science glossary-Physical quantities, standards and units -Mechanics and properties of matter-Force, motion and energy-Heat, light and sound-Magnetism, -electricity and electronics -Elements and -compounds -Acids, bases and salts-Oxidation and reduction-Carbon, nitrogen and their compounds-Fertilizers -pesticides, insecticides -Main concepts of life science-The cell -basic unit of life-Classification of living organism-Nutrition -and dietetics-Respiration -Blood and blood -circulation-Endocrine system-Reproductive system-Animals, plants and human life-Govt. policy -organizations on Science and Technology-Role, achievement & impact of Science and -technology-Energy - self sufficiency - oil exploration- 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- Computer -science and advancement

Unit-II 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 – Disaster Management Union and State -Social welfare - Government sponsored schemes with reference to Tamil Nadu-Relationship between State and Union-Industrial map of India -Public Services - role of recruitment agencies in Union Government- Social welfare - government sponsored schemes by Government of India.

Unit-III Socio - Economic Issues in India/ Tamil Nadu

Population Explosion- Unemployment issues in India & Tamil Nadu- Child Labour- Economic Issues (a) Poverty (b) Sanitation- Rural and Urban (c) Corruption in public life - Anti -Corruption -measures - CVC, Lok-adalats, Ombudsman, CAG.-Illiteracy- Women Empowerment – Role of the Govt. in Women Empowerment - Social injustice to womenfolk - Domestic violence, dowry menace, sexual assault-Impact of violence on the growth of the nation – Religious violence, --Terrorism and Communal violence.- Human Rights issues-Right to information - Central and State Commission.- Education – Linkage between Education and Economic Growth- Community Development Programme-Employment Guarantee Scheme-Self Employment and Entrepreneurship Development-Role of N.G.O's in Social Welfare – Govt. Policy on Health.

Unit-IV Essay (Descriptive Type) (a). Current issues at National Level (b) Current issues at State Level.

COMBINED CIVIL SERVICES – II

General Studies – Main Examination

**For Group – II-A Services, (for All Non-Interview Post
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Science Mass media & communication

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Nadu- Judiciary in India – Rule of law/Due process of law- Indian federalism – center – state relations- Emergency provisions- Elections - Election Commission Union and State- 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.

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