

COMBINED CIVIL SERVICES EXAMINATION - IV (GROUP – IV AND VAO)

(S.S.L.C. STANDARD)

GENERAL STUDIES

TOPICS FOR OBJECTIVE TYPE

UNIT-I: GENERAL SCIENCE:

Physics-Nature of Universe-General Scientific laws-Inventions and discoveries-National scientific laboratories-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy- Magnetism, electricity and electronics -Heat, light and sound.

Chemistry-Elements and Compounds- Acids, bases and salts - Fertilizers, pesticides, insecticides.

Botany-Main Concepts of life science-Classification of living organism- Nutrition and dietetics-Respiration.

Zoology-Blood and blood circulation-Reproductive system-Environment, ecology, health and hygiene- Human diseases including communicable and non – communicable diseases - prevention and remedies- Animals, plants and human life.

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 & honors'-India and its neighbors.

Political Science-1. Problems in conduct of public elections- 2. Political parties and political system in India- 3. Public awareness & General administration- 4. Welfare oriented govt. schemes, their utility.

Geography-Geographical landmarks

Economics-Current socio-economic problems

Science-Latest inventions on science & technology

UNIT- III: GEOGRAPHY

Earth and Universe-Solar system-Monsoon, rainfall, weather & climate- Water resources --- rivers in India-Soil, minerals & natural resources-Forest & wildlife-Agricultural pattern-Transport including surface transport & communication-Social geography – population-density and distribution- Natural calamities – Disaster Management.

UNIT – IV: HISTORY AND CULTURE OF INDIA AND TAMIL NADU

Indus valley civilization-Guptas, Delhi Sultans, Mughals and Marathas-Age of Vijayanagaram and the brahmanas-South Indian history-Culture and Heritage of Tamil people-India since independence- Characteristics of Indian culture-Unity in diversity –race, color, language, custom-India-as secular state-Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes.

UNIT-V: INDIAN POLITY

Constitution of India--Preamble to the constitution- Salient features of constitution- Union, state and territory- Citizenship-rights amend duties- Fundamental rights- Fundamental duties- Human rights charter- Union legislature – Parliament- State executive- State Legislature – assembly- Local government – panchayat raj – Tamil Nadu- Judiciary in India – Rule of law/Due process of law-Elections- Official

language and Schedule-VIII- Corruption in public life- Anti-corruption measures –CVC, lok-adalats, Ombudsman, CAG - Right to information- Empowerment of women- 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- Rural welfare oriented programmes - Social sector problems – population, education, health, employment, poverty - Economic trends in Tamil Nadu.

UNIT-VII: INDIAN NATIONAL MOVEMENT

National renaissance - Emergence of national leaders - Gandhi, Nehru, Tagore

- Different modes of agitations-Role of Tamil Nadu in freedom struggle Rajaji, VOC, Periyar, Bharathiar & others.

UNIT-VIII: APTITUDE & 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. Logical Reasoning-Puzzles-Dice-Visual Reasoning-Alpha numeric Reasoning - Number Series.