



வெற்றி  
நிச்சயம்

# TNPSC NEW SYLLABUS

**VETRI IAS**  
**STUDY CIRCLE**

GROUP - IV Examination

(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 bahmanis-South Indian history-Culture and Heritage of Tamil people-India since independence-Characteristics of Indian culture-Unity in diversity –race, colour, language, custom-India-as secular state-Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes 88 UNIT-V. INDIAN POLITY Constitution of India--Preamble to the constitution- Salient features of constitution- Union, state and



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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 programmers-Social sector problems – population, education, health, employment, poverty- Economic trends in Tamil Nadu

## UNIT-VI

**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-VII. 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.

