

## **TAMIL NADU FOREST GUARD SYLLABUS**

**(B) Syllabus for the post of Forest Guard / Forest Guard with Driving Licence / Forest Watcher:-**

### **General Knowledge S.S.L.C. / H.S.C Standard Topics for Objective type**

#### **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, prevention and remedies Animals, plants and human life.

#### **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**- Problems in conduct of public elections Political parties and political system in India Public awareness & General administration Welfare oriented govt. schemes, their utility.

**Geography** - Geographical landmarks

**Economics** - Current socio economic problems

**Science** - Latest inventions on science & technology

#### **Geography**

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

#### **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.

#### **Indian Polity**

Constitution of India Preamble to the constitution alien features of constitution Union, state and territory Citizenship rights amend duties Fundamental rights undamental 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, lokadalats, Ombudsman, CAG Right to information Empowerment of women Consumer Protection forms-

**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

**Indian National Movement**

National renaissance Emergence of national leaders Gandhi, Nehru, Tagore Different modes of agitation Role of Tamil Nadu in freedom struggle Rajaji, V.O.C., Periyar, Bharathiar & others

**Aptitude & Mental ability tests**

Conversion of information to data Collection, compilation and presentation of data Tables, graphs, diagrams Parametric representation of data 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