

**(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- 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, 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 programmers-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 gitations-Role of Tail Nadu in freedom struggle Rajaji, VOC, 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