

COMBINED CIVIL SERVICES – III

Group III Services

(Main Examination)

General Studies- Higher secondary standard

Objective type – 200 items – 300 Marks

Syllabus

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 - 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

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

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 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 - Time and Work Logical Reasoning – Puzzles - Visual Reasoning - Number Series

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