

# shankar ias academy

COMBINED CIVIL SERVICES - I  
**Group I Services - (Preliminary Examination)**  
**General Studies – Degree Standard**  
**Objective type – 200 items – 300 Marks**

## **UNIT – I - GENERAL SCIENCE**

**Physics** - Universe - General Scientific laws - Scientific instruments - Inventions and discoveries- National scientific laboratories-Science glossary-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy- electricity and Magnetism - electronics & communications - Heat, light and sound-Atomic and nuclear physics-Solid State Physics-Spectroscopy – Geophysics - Astronomy and space science.

**Chemistry** - Elements and Compounds-Acids, bases and salts - Oxidation and reduction – Chemistry of ores and metals -Carbon, nitrogen and their compounds-Fertilizers, pesticides, insecticides-Biochemistry and biotechnology-Electrochemistry-Polymers and plastics

**Botany** - Main Concepts of life science-The cell-basic unit of life-Classification of living organism-Nutrition and dietetics-Respiration-Excretion of metabolic waste-Bio-communication

**Zoology** - Blood and blood circulation-Endocrine system-Reproductive system-Genetics the science of heredity-Environment, ecology, health and hygiene, Bio- diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non- communicable diseases-Alcoholism and drug abuse-Animals, plants and human life.

## **UNIT - II. CURRENT EVENTS**

**History** - Latest diary of events – National - National symbols -Profile of States-Defence, national security and terrorism-World organizations-pacts and summits-Eminent persons & places in news-Sports & games-Books & authors -Awards & honours-Cultural panorama-Latest historical events- India and its neighbours- Latest terminology- Appointments-who is who?

**Political Science** - India's foreign policy - Latest court verdicts – public opinion - Problems in conduct of public elections- Political parties and political system in India- Public awareness & General administration- Role of Voluntary organizations & Govt.,-Welfare oriented govt. schemes, their utility

**Geography** - Geographical landmarks-Policy on environment and ecology

**Economics**- Current socio-economic problems-New economic policy & govt. sector

**Science** - Latest inventions on science & technology - Latest discoveries in Health Science - Mass media & communication

## **UNIT – III GEOGRAPHY**

Earth and Universe - Solar system - Atmosphere hydrosphere, lithosphere -Monsoon, rainfall, weather and climate - Water resources - rivers in India - Soil, minerals & natural resources-Natural vegetation-Forest & wildlife-Agricultural pattern, livestock & fisheries-Transport & communication-Social geography – population-density and distribution-Natural calamities – disaster management-Climate change - impact and consequences - mitigation measures-Pollution Control

# shankar ias academy

## **UNIT – IV HISTORY AND CULTURE OF INDIA**

Pre-historic events -Indus valley civilization-Vedic, Aryan and Sangam age-Maurya dynasty-Buddhism and Jainism-Guptas, Delhi Sultans, Mughals and Marathas-Age of Vijayanagaram and the bahmanis-South Indian history-Culture and Heritage of Tamil people-Advent of European invasion-Expansion and consolidation of British rule-Effect of British rule on socio-economic factors-Social reforms and religious movements-India since independence-Characteristics of Indian culture-Unity in diversity –race, colour, language, custom-India-as secular state-Organizations for fine arts, dance, drama, music-Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes – Prominent personalities in the various spheres – Arts, Science, literature and Philosophy – Mother Teresa, Swami Vivekananda, Pandit Ravishankar , M.S.Subbulakshmi, Rukmani Arundel and J.Krishnamoorthy etc.

## **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 - Status of Jammu & Kashmir - Local government – panchayat raj – Tamil Nadu - Judiciary in India – Rule of law/Due process of law - Indian federalism – center – state relations - Emergency provisions - Civil services in India - Administrative challenges in a welfare state - Complexities of district administration - Elections - Election Commission Union and State - Official language and Schedule-VIII - Amendments to constitution - Schedules to constitution - Administrative reforms & tribunals- Corruption in public life - Anti-corruption measures – Central Vigilance Commission, lok-adalats, Ombudsman, Comptroller and Auditor General of India. - Right to information - Central and State Commission - Empowerment of women-Voluntary organizations and public grievances redressal - 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 - Capital formation and investment-Role of public sector & disinvestment-Development of infrastructure- National income - Public finance & fiscal policy - Price policy & public distribution- Banking, money & monetary policy - Role of Foreign Direct Investment (FDI) - WTO-globalization & privatization - Rural welfare oriented programmes - Social sector problems – population, education, health, employment, poverty - HRD – sustainable economic growth- Economic trends in Tamil Nadu - Energy Different sources and development - Finance Commission - Planning Commission - National Development Council

# shankar ias academy

## **UNIT – VII - INDIAN NATIONAL MOVEMENT**

National renaissance- Early uprising against British rule-1857 Revolt- Indian National Congress - Emergence of national leaders- Gandhi, Nehru, Tagore, Netaji -Growth of militant movements -Different modes of agitations-Era of different Acts & Pacts-World war & final phase struggle - Communalism led to partition- Role of Tamil Nadu in freedom struggle - Rajaji, VOC, Periyar, Bharathiar & Others - Birth of political parties /political system in India since independence

## **UNIT – VIII - 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-Behavioral ability - Basic terms, Communications in information technology -Application of Information and Communication Technology (ICT) - Decision making and problem solving

**Logical Reasoning** - Puzzles – Dice - Visual Reasoning- Alpha numeric Reasoning- Number Series - Logical Number/Alphabetical/Diagrammatic Sequences

# shankar ias academy

COMBINED CIVIL SERVICES - I  
Group I Services - (Main Examination) Paper - I  
General Studies – Degree Standard  
Descriptive type

## **UNIT - I MODERN HISTORY OF INDIA AND INDIAN CULTURE**

Advent of European invasion- Expansion and consolidation of British rule - Effect of British rule on socio-economic factors - Social reforms and religious movements - India since independence - Characteristics of Indian culture - Unity in diversity - race, colour, language, custom - India - a secular state - Organizations for fine arts, dance, drama, music - Growth of rationalist, Dravidian movement in Tamil Nadu - Political parties and populist schemes - National renaissance - Early uprising against British rule - 1857 Revolt - Indian National Congress - Emergence of national leaders - Gandhi, Nehru, Tagore, Netaji - Growth of militant movements - Different modes of agitations - Era of different Acts & Pacts - World war & final phase struggle - Communalism led to partition - Role of Tamil Nadu in freedom struggle - Rajaji, VOC, Periyar, Bharathiar & Others

## **UNIT - 2 GENERAL MENTAL ABILITY**

Conversion of information to data - Collection, compilation and presentation of data - Tables, graphs, diagrams - Parametric representation of data - Analytical interpretation of data - Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM) - Ratio and Proportion - Simple interest - Compound interest - Area - Volume- Time and Work – Probability - Information technology - Basic terms, Communications - Application of Information and Communication Technology (ICT) - Decision making and problem solving - Basics in Computers / Computer terminology.

## **UNIT – 3 ROLE AND IMPACT OF SCIENCE AND TECHNOLOGY IN THE DEVELOPMENT OF INDIA AND TAMIL NADU**

Nature of universe - General scientific laws - Scientific instruments - Inventions and discoveries - National scientific laboratories - Science glossary - Physical quantities, standards and units - Mechanics and properties of matter - Force, motion and energy - Heat, light and sound - Magnetism, electricity and electronics - Atomic and nuclear physics - Astronomy and space science - Elements and compounds - Acids, bases and salts - Oxidation and reduction - Carbon, nitrogen and their compounds - Natural disasters - safeguard measures - Chemistry of ores and metals - Fertilizers, pesticides, insecticides - Biochemistry and biotechnology - Polymers and plastics – Electrochemistry - Main concepts of life science - The cell -basic unit of life - Classification of living organism - Nutrition and dietetics - Respiration - Excretion of metabolic waste - Bio – communication - Blood and blood circulation - Endocrine system- Reproductive system- Animals, plants and human life - Govt. policy /organizations on Science and Technology - Role, achievement & impact of Science and Technology - Energy - self sufficiency - oil exploration - Defence Research Organization - Ocean research and development - Genetics - the science of heredity - Environment, ecology, health and hygiene, Bio - diversity and its conservation - Human diseases, prevention and remedies - Communicable diseases and non - communicable diseases - Alcoholism and Drug abuse - Computer science and advancement - Genetic Engineering - Remote sensing and benefits

# shankar ias academy

## COMBINED CIVIL SERVICES – I

### Group I Services - (Main Examination) Paper - II General Studies – Degree Standard, Descriptive type

#### UNIT – I - INDIAN POLITY AND EMERGING POLITICAL TRENDS ACROSS THE WORLD AFFECTING INDIA AND GEOGRAPHY OF INDIA

**Indian polity** - Constitution of India - Preamble to the constitution - Salient features of constitution - Union, state and territory - Citizenship - rights and duties - Fundamental rights - Directive principles of state policy - Fundamental duties - Human rights charter - Union executive - Union legislature – parliament - State executive - State legislature – assembly - Status of Jammu & Kashmir - Local government - panchayat raj - Indian federalism - center state relations - Judiciary in India - Rule of law /Due process of law - Emergency provisions - Civil services in India - Administrative Challenges in a welfare state - Complexities of district administration - Elections - Election Commission Union and State -Official language and Schedule – VIII - Amendments to constitution - Schedules to constitution

#### **a. Emerging political trends across the world affecting India**

Foreign Affairs with special emphasis on India's relations with neighbouring countries and in the region -Security and defence related matters - Nuclear policy, issues and conflicts-The Indian Diaspora and its contribution to India and the world.

#### **b. Geography of India**

Earth and universe - Solar system - Atmosphere, hydrosphere, lithosphere - Monsoon, rainfall, weather and climate - Water resources - rivers in India - Soil, minerals & natural resources - Natural vegetation - Forest & wildlife - Agricultural pattern, livestock & fisheries - Transport including Surface Transport & communication - Social geography - population - density and distribution - Natural calamities - disaster management - Bottom topography of Indian ocean, Arabian Sea and Bay of Bengal - Climate change - impact and consequences - mitigation measures - Pollution Control

*Candidates may choose to answer EITHER the Tamil question only in Tamil OR the English question only in English. Candidates writing in English shall if they choose to answer the Tamil question, write only in Tamil*

#### **2. Tamil language, Tamil society -- it's culture and Heritage / English Language**

1. நாகரீகமும் பண்பாடு – தமிழர் தோற்றமும் பரவலும்
2. பண்டைத் தமிழர் வாழ்வியல் சிந்தனைகள் – வீரம், காதல், அறம் அறக்கோட்டு வழிபாடுகள் மற்றும் சடங்குமுறைகள்.
3. தமிழர் சமயமும் பண்பாட்டு நெறிமுறைகளும் – சைவம், வைணவம்
4. தமிழர் பண்பாட்டுக் கலையும், நாகரீகமும் – இயல், இசை, நாடகம், ஓவியம், மருத்துவம், சிற்பம், நாட்டுப்புறக் கலைகள்.
5. தற்கால வாழ்வில் தமிழர் சமூக வாழ்க்கை – சாதி,சமயம், பெண்கள், அரசியல், கல்வி, பொருளியல், வணிகம், வெளிநாட்டுத் தொடர்புகள்.

(OR)

#### **English Language Skills**

1. Precis writing, 2. Report writing on current issues.
3. Comprehension of a given passage and answering questions thereupon.

#### **3. Administration of Union and States with special reference to Tamil Nadu**

State government organization - structure, functions and control mechanism - District administration -role in people's welfare oriented programmes - Industrial map of Tamil Nadu - role of state government -Public Services - role of recruitment agencies - State finance -- resources, budget and financial administration - Use of IT in administration - e-governance in the State - Natural calamities – Disaster Management Union and State -strategic planning in the State - Social welfare - Government sponsored schemes with reference to Tamil Nadu - Union government organization - structure, functions and control mechanism - Relationship between State and Union - Industrial map of India role of Union government - Public Services role of recruitment agencies in Union Government - Union finance resources, budget and financial administration - Use of IT in administration e-governance in Union Government - Social welfare - government sponsored schemes by Government of India

# shankar ias academy

COMBINED CIVIL SERVICES – I

**Group I Services - (Main Examination) Paper - III**

**General Studies – Degree Standard**

**Descriptive type**

## **I. CURRENT EVENTS OF NATIONAL AND INTERNATIONAL IMPORTANCE**

Latest diary of **events** - national /international - National symbols - Profile of states - Defence, national security and terrorism - Geographical landmarks- World organizations - pacts and summits - Latest inventions on science & technology - Eminent personalities & places in news - Sports & games - Books & authors - Awards & honours - Cultural panorama - Latest historical events - Policy on environment and ecology - India and its neighbours - Natural disasters - safeguard measures - Latest terminology - Appointments - who is who? - India's foreign policy - Latest court verdicts - public opinion - Problems in conduct of public elections - Political parties and political system in India - Public awareness & general administration - Role of voluntary organizations & govt. - Welfare oriented govt. schemes, their utility - New economic policy & govt. sector - Mass media & communication

## **2. CURRENT ECONOMIC TRENDS: INDIAN ECONOMY AND IMPACT OF GLOBAL ECONOMY ON INDIA**

**a. Indian economy** - Nature of Indian economy - Five - year plan models - an assessment - Land reforms & agriculture - Application of science in agriculture - Industrial growth - Capital formation and investment - Role of public sector & disinvestment - Development of infrastructure - National income - Public finance & fiscal policy - Price policy & public distribution – Consumerism & Consumer protection - Banking, money & monetary policy - Role of Foreign Direct Investment -WTO – Liberalisation globalization & privatization - Rural welfare oriented programmes - HRD - sustainable economic growth - Economic trend in Tamil Nadu - Energy Different sources and development - Finance Commission - Planning Commission - National Development Council - Poverty Alleviation Programmes.

### **b. Impact of global economy on India**

Impact of the Economic Crisis on India : (a) Offshoot of Globalized Economy - (b) Aspects of Financial Turmoil in India - Capital Outflow - Impact on Stock and Forex Market - Impact on the Indian Banking System - Impact on Industrial Sector and Export Prospect - Impact on Employment - Impact on Poverty - (c) Indian Economic Outlook. India's Crisis Responses and Challenges: (a) State of Economy in Crisis Times - (b) RBI's Crisis Response - (c) Government's Crisis Response - (d) The Risks and Challenges - Monetary policy - Fiscal Policy - Financial stability The Options Ahead: Diversifying Exports - Boosting Domestic Consumption - Enhancing Public Spending - Generating Employment - Provisioning credit to Productive Sectors - Need for Structural Reforms - Increased purchasing power of the people.

## **3. SOCIO - ECONOMIC ISSUES IN INDIA/ TAMIL NADU**

Population Explosion - Unemployment issues in India & Tamil Nadu - Child Labour - Economic Issues (a) Poverty (b) Sanitation- Rural and Urban (c) Corruption in public life - Anti -Corruption measures - CVC, Lok-adalats, Ombudsman, CAG. – Illiteracy –Women Empowerment- Role of the Government Women EmpowermentSocial injustice to womenfolk - Domestic violence, dowry menace, sexual assault - Loss of cultural heritage due to economic development - Urbanization and its impact on the society - Impact of violence on the growth of the nation – Religious violence, Terrorism and Communal violence - Regional Disparities - Problems of Minorities - Human Rights issues - Right to information - Central and State Commission - Faith and conflict among legislature, executive, judiciary and media. - Education – Linkage between Education and Economic Growth. - Community Development Programme - Employment Guarantee Scheme - Self Employment and Entrepreneurship Development - Role of N.G.O's in Social Welfare – Government Policy on Health.



# shankar ias academy

COMBINED CIVIL SERVICES –II

**General Studies**

**Preliminary Examination**

**(for Group – II (CCSE-I) Services) 200 Items – 300 Marks**

## UNIT-I GENERAL SCIENCE

**Physics** - Universe-General Scientific laws-Scientific instruments-Inventions and discoveries-National scientific laboratories-Science glossary-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy-electricity and Magnetism -Heat, light and sound-Atomic and nuclear physics.

**Chemistry** - Elements and Compounds-Acids, bases and salts-Oxidation and reduction-Chemistry of ores and metals-Carbon, nitrogen and their compounds-Fertilizers, pesticides, insecticides

Botany-Main Concepts of life science-The cell-basic unit of life-Classification of living organism-Nutrition and dietetics-Respiration

**Zoology**-Blood and blood circulation-Endocrine system-Reproductive system-Genetics the science of heredity-Environment, ecology, health and hygiene, Bio- diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non- communicable diseases

## 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 & honours-Latest historical events-India and its neighbours - Appointments-who is who?

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

**Geography**-Geographical landmarks-Policy on environment and ecology-

**Economics**- Current socio-economic problems New economic policy & govt. sector

**Science** Latest inventions on science & technology Latest discoveries in Health Science Mass media & communication

## UNIT III GEOGRAPHY

Earth and Universe-Solar system-Atmosphere hydrosphere, lithosphere-Monsoon, rainfall, weather and climate-Water resources -rivers in India-Soil, minerals & natural resources-Natural vegetation-Forest & wildlife-Agricultural pattern, livestock & fisheries- Social geography – population-density and distribution-Natural calamities – disaster management.

## UNIT IV HISTORY AND CULTURE OF INDIA

South Indian history-Culture and Heritage of Tamil people--Advent of European invasion-Expansion and consolidation of British rule-Effect of British rule on socio-economic factors-Social reforms and religious movements-India since independence-Characteristics of Indian culture-Unity in diversity –race, colour, language, custom-India-as secular state-Organizations for fine arts, dance, drama, music-Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes- schemes- Prominent personalities in the various spheres – Arts, Science, literature and Philosophy – Mother Teresa, Swami Vivekananda, Pandit Ravishankar , M.S.Subbulakshmi, Rukmani Arundel and J.Krishnamoorthy etc.

## UNIT-V INDIAN POLITY

Constitution of India- Preamble to the constitution- Salient features of constitution- Union, State and territory - Fundamental rights- Fundamental duties- Human rights charter- Union legislature – Parliament-State executive-. State Legislature – assembly- Status of Jammu & Kashmir-. Local government – panchayat raj – Tamil Nadu- Judiciary in India – Rule of law/Due process of law- Indian federalism – center – state relations- Emergency provisions- Elections - Election Commission Union and State-

# shankar ias academy

Amendments to constitution- Schedules to constitution- Administrative reforms & tribunals- Corruption in public life- Anti-corruption measures – Central Vigilance Commission, lok-adalats, Ombudsman, Comptroller and Auditor General of India- Right to information - Central and State Commission- Empowerment of women.

## **UNIT- VI INDIAN ECONOMY**

Nature of Indian economy- Five-year plan models-an assessment-Land reforms & agriculture-Application of science in agriculture-Industrial growth-Role of public sector & disinvestment-Development of infrastructure- National income Rural welfare oriented programmes- Social sector problems – population, education, health, employment, poverty- HRD – sustainable economic growth- Economic trends in Tamil Nadu - Energy Different sources and development- Finance Commission - Planning Commission- National Development Council

## **UNIT - VI INDIAN NATIONAL MOVEMENT**

Early uprising against British rule-1857 Revolt- Indian National Congress-Emergence of national leaders- Gandhi, Nehru, Tagore, Netaji-Growth of militant movements -Communalism led to partition-Role of Tamil Nadu in freedom struggle - Rajaji, VOC, Periyar, Bharathiar& Others-Birth of political parties /political system in India since independence.

## **UNIT- VII 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 Decision making and problem solving-Logical Reasoning-Puzzles-Dice-Visual Reasoning-Alpha numeric Reasoning-Number Series- Logical Number/Alphabetical/Diagrammatic Sequences

....



# shankar ias academy

COMBINED CIVIL SERVICES –II  
**CSSE – I (Group – II) Service Main Examination**  
**General Studies (Degree Standard)**  
**Paper – I (Objective Type)**

## **UNIT-I ROLE AND IMPACT OF SCIENCE AND TECHNOLOGY IN THE DEVELOPMENT OF INDIA AND TAMIL NADU.**

Nature of universe-General scientific laws-Scientific instruments-Inventions and discoveries -Science glossary-Physical quantities, standards and units -Mechanics and properties of matter-Force, motion and energy-Heat, light and sound-Magnetism, -electricity and electronics -Elements and -compounds -Acids, bases and salts-Oxidation and reduction-Carbon, nitrogen and their compounds-Fertilizers -pesticides, insecticides -Main concepts of life science-The cell -basic unit of life-Classification of living organism-Nutrition -and dietetics-Respiration -Blood and blood -circulation-Endocrine system-Reproductive system-Animals, plants and human life-Govt. policy -organizations on Science and Technology-Role, achievement & impact of Science and -technology-Energy - self sufficiency - oil exploration- Genetics - the science of heredity-Environment, ecology, health and -hygiene, Bio - diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non - communicable diseases-Alcoholism and Drug abuse- Computer -science and advancement

## **UNIT-II ADMINISTRATION OF UNION AND STATES WITH SPECIAL REFERENCE TO TAMIL NADU**

State government organization - structure, functions and control mechanism-District administration - role in people's welfare oriented programmes-Industrial map of Tamil Nadu -- role of state government-Public Services -- role of recruitment agencies-State finance - resources, budget and financial administration-Use of IT in administration -- e-governance in the State-Natural calamities – Disaster Management Union and State -Social welfare - Government sponsored schemes with reference to Tamil Nadu-Relationship between State and Union-Industrial map of India -Public Services - role of recruitment agencies in Union Government- Social welfare - government sponsored schemes by Government of India

## **UNIT-III SOCIO - ECONOMIC ISSUES IN INDIA/ TAMIL NADU**

Population Explosion- Unemployment issues in India & Tamil Nadu- Child Labour- Economic Issues (a) Poverty (b) Sanitation- Rural and Urban (c) Corruption in public life - Anti -Corruption -measures - CVC, Lok-adalats, Ombudsman, CAG.-Illiteracy-Women Empowerment – Role of the Govt. in Women Empowerment - Social injustice to womenfolk - Domestic violence, dowry menace, sexual assault-Impact of violence on the growth of the nation – Religious violence, --Terrorism and Communal violence.- Human Rights issues-Right to information - Central and State Commission.- Education – Linkage between Education and Economic Growth-Community Development Programme-Employment Guarantee Scheme-Self Employment and Entrepreneurship Development-Role of N.G.O's in Social Welfare – Govt. Policy on Health.

## **UNIT-IV ESSAY (DESCRIPTIVE TYPE)**

- (a) Current issues at National Level
- (b) Current issues at State Level

# shankar ias academy

COMBINED CIVIL SERVICES –II

**General Studies Main Examination**

**For Group – II-A Services, (For all Non-Interview Post)  
200 Items 300 Marks**

## **UNIT-I GENERAL SCIENCE**

**Physics**-Universe-General Scientific laws-Scientific instruments-Inventions and discoveries-National scientific laboratories-Science glossary-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy-electricity and Magnetism -Heat, light and sound-Atomic and nuclear physics.

**Chemistry**-Elements and Compounds-Acids, bases and salts-Oxidation and reduction-Chemistry of ores and metals-Carbon, nitrogen and their compounds-Fertilizers, pesticides, insecticides

**Botany**--Main Concepts of life science-The cell-basic unit of life-Classification of living organism-- Nutrition and dietetics-Respiration

**Zoology**-Blood and blood circulation-Endocrine system-Reproductive system-Genetics the science of heredity-Environment, ecology, health and hygiene, Bio- diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non- communicable diseases

## **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 & honours-Latest historical events-- India and its neighbours - Appointments-who is who?

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

**Geography**--Geographical landmarks-Policy on environment and ecology-

**Economics**- Current socio-economic problems New economic policy & govt. sector

**Science** Latest inventions on science & technology Latest discoveries in Health Science Mass media & communication

## **UNIT III GEOGRAPHY**

Earth and Universe-Solar system-Atmosphere hydrosphere, lithosphere-Monsoon, rainfall, weather and climate-Water resources -rivers in India-Soil, minerals & natural resources-Natural vegetation-Forest & wildlife-Agricultural pattern, livestock & fisheries- Social geography – population-density and distribution-Natural calamities – disaster management.

## **UNIT IV HISTORY AND CULTURE OF INDIA**

South Indian history-Culture and Heritage of Tamil people--Advent of European invasion-Expansion and consolidation of British rule-Effect of British rule on socio-economic factors-Social reforms and religious movements-India since independence-Characteristics of Indian culture-Unity in diversity –race, colour, language, custom-India-as secular state-Organizations for fine arts, dance, drama, music-Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes- Prominent personalities in the various spheres – Arts, Science, literature and Philosophy – Mother Teresa, Swami Vivekananda, Pandit Ravishankar , M.S.Subbulakshmi, Rukmani Arundel and J.Krishnamoorthy etc.

# shankar ias academy

## UNIT-V INDIAN POLITY

Constitution of India- Preamble to the constitution- Salient features of constitution- Union, State and territory - Fundamental rights- Fundamental duties- Human rights charter- Union legislature – Parliament- State executive-. State Legislature – assembly- Status of Jammu & Kashmir-. Local government – panchayat raj – Tamil Nadu- Judiciary in India – Rule of law/Due process of law- Indian federalism – center – state relations- Emergency provisions- Elections - Election Commission Union and State- Amendments to constitution- Schedules to constitution- Administrative reforms & tribunals- Corruption in public life- Anti-corruption measures – Central Vigilance Commission, lok-adalats, Ombudsman, Comptroller and Auditor General of India- Right to information - Central and State Commission- Empowerment of women.

## UNIT- VI INDIAN ECONOMY

Nature of Indian economy- Five-year plan models-an assessment-Land reforms & agriculture-Application of science in agriculture-Industrial growth-Role of public sector & disinvestment-Development of infrastructure- National income Rural welfare oriented programmes- Social sector problems – population, education, health, employment, poverty- HRD – sustainable economic growth- Economic trends in Tamil Nadu - Energy Different sources and development- Finance Commission - Planning Commission- National Development Council

## UNIT - VI INDIAN NATIONAL MOVEMENT

Early uprising against British rule-1857 Revolt- Indian National Congress-Emergence of national leaders- Gandhi, Nehru, Tagore, Netaji-Growth of militant movements -Communalism led to partition-Role of Tamil Nadu in freedom struggle - Rajaji, VOC, Periyar, Bharathiar& Others-Birth of political parties /political system in India since independence

## UNIT- VII 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 Decision making and problem solving-Logical Reasoning-Puzzles-Dice-Visual Reasoning-Alpha numeric Reasoning-Number Series- Logical Number/Alphabetical/Diagrammatic Sequences

....

# shankar ias academy

Group – IV Examination (S.S.L.C. Standard)

Syllabus – General Studies (Objective type) 150 Items: 225 Marks

## 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

## 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 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 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.

# shankar ias academy

பாடத்திட்டம் பொதுத் தமிழ் (கொள்குறிவைத் தேர்விற்கு) எஸ்.எஸ்.எல்.சி தரம்

1. பொருத்துக / (i) பொருத்தமான பொருளைத் தேர்வு செய்தல் (ii) புகழ்பெற்ற நூல் நூலாசிரியர்
2. தொடரும் தொடர்பும் அறிதல்
3. தொடர்களை பிரித்தெழுதல்
4. எதிர்சொல் எடுத்தெழுதல்
5. பொருந்தாச் சொல்லைக் கண்டறிதல்
6. பிழைத்திருத்தம்
7. ஆங்கிலச் சொல்லுக்கு நேரான தமிழ்ச்சொல்லை அறிதல்
8. ஒலி வேறுபாடு அறிந்து சரியான பொருளை அறிதல்
9. ஒரேழுத்து ஒரு மொழி-உரியபொருளைக் கண்டறிதல்
10. வேர்சொல்லைத் தேர்வு செய்தல்
11. வேர்ச்சொல் கொடுத்து வினைமுற்று, வினையெச்சம் வினையாலணையும் பெயர்
12. அகர வரிசைப்படி சொற்களைச் சீர்செய்தல்
13. சொற்களை ஒழுங்குபடுத்திச் சொற்றொடர் ஆக்குதல்
14. பெயர்ச்சொல்லின் வகையறிதல்
15. இலக்கணக்குறிப்பு அறிதல்
16. விடைக்கேற்ற வினாவைத் தேர்ந்தெடுத்தல்
17. எவ்வகை வாக்கியம் எனக் கண்டறிதல்
18. தன்வினை, பிறவினை, செய்வினை செய்யப்பாட்டு வினை வாக்கியங்களை கண்டறிதல்
19. உவமையால் விளக்கப்பெறும் பொருத்தமான பொருளைத் தேர்ந்தெடுத்தல்
20. மோனை, எதுகை, இயைபு - இவற்றுள் ஏதேனும் ஒன்றைத் தேர்தல்

## SYLLABUS -GENERAL ENGLISH S.S.L.C Standard(Objective Type)

1. Match the following words and Phrases given in Column A with their meanings in Column B
2. Choose the correct 'Synonyms' for the underlined word from the options given
3. Choose the correct 'Antonyms' for the underlined word from the options given
4. Select the correct word (Prefix, Suffix)
5. Fill in the blanks with suitable Article
6. Fill in the banks with suitable preposition
7. Select the correct Question Tag
8. Select the correct Tense.
9. Select the correct Voice
10. Fill in the blanks (infinitive, Gerund, participle)
11. Identify the sentence pattern of the following sentence (subject, Verb, Object....)
12. Blanks with correct 'Homophones'
13. Find out the Error (Articles, prepositions, Noun Verb Adjective Adverb)
14. Comprehension
15. Select the correct sentence
16. Find out the odd words (Verb, Noun, Adjective, Adverb)
17. Select the correct Plural forms
18. Identify the sentence (simple, Compound, Complex Sentence)
19. Identify the correct Degree.

....



# shankar ias academy

## V.A.O Examination (S.S.L.C. Standard) Syllabus - General Studies (Objective type)

### **150-ITEMS - 225-MARKS 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

### **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 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 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.



### Syllabus

1. The role, functions duties and responsibilities of a Village Administrative Officer in VILLAGE and REVENUE ADMINISTRATION.  
[Questions may be on topics including VAOs role in assisting the police, reporting birth and death, implementing various schemes of the Government, recommending / furnishing inputs for income, Community, Destitute Widow, Marital Status, Patta and other adhoc and miscellaneous certificates]
2. Records of revenue administration dealt with or handled by the VAO including 'A' Register, Patta, Chitta Adangal etc.
3. Accounts maintained and furnished by the VAO at the end of every FASLI YEAR.
4. Basic Principles / Information relating to classification of lands.
5. Basic information on rates of assessment and annual revenue collection
6. Basic information on forms of irrigation of land including those belonging to the Government
7. Jamabandi-object, Officers in charge of conduct, time of completion of Jamabandi, scrutiny of inspection work, correction of pattas, issue of new patta, disposal of jamabandi check memo, closing of Village and Taluk Accounts, Village Statistical Registers, inspection of Karnams instruments maps and Registers (RSO-12) scrutiny of accounts relating to Panachayat revenue.
8. Role of VAO during calamities
9. Basic information relating to assignment of lands / house sites in Villages and Towns.
10. Grant of lands for cattle or dairy farms
11. Levy of rents (Ground Rent / Quit Rent) etc.,
12. Exemption from land revenue.
13. Unauthorised occupation of Government land basic information about Land Encroachment Act 1905. Memorandum 'A', Memorandum 'B' etc.
14. Title of lands (RSO 27) form, renewal, issue and entry of joint names in patta
15. Rights and obligations of Ryotwari holder.
16. Procedure relating to conduct of inquiries in relation to age, marital status, income, domicile.
17. Procedures relating to entering particulars into maintaining and issuing extracts of Adangal, Chitta and other revenue Registers.
18. Basic principles of and procedures involved in survey, sub-division of a survey field and knowledge of Field Management Book.
19. VAO's role in enforcing the fundamental duties of a citizen under article 51A (g) of the Indian Constitution to protect and improve the natural environment including forests, lakes, rivers and wild life and to have compassion for living creatures".
20. Direct Revenue collections made under various heads by the VAO.
21. Specific duties during festivals and common Village functions
22. Basic information about Revenue Recovery Act
23. Basic information relating to forest lands and resources.
24. Basic information about sale of sandalwood and other valuable tress
25. Basic information relating to Adivasis / Tribals and the role of a VAO in extending special protection and support of the Government to them.