

RAM IAS ACADEMY[®]

CHROMPET, CHENNAI, CONTACT 8973525973, 8838175210

TNPSC

GROUP IIA

MAIN EXAM

CLASS & TEST SERIES

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Group IIA Mains Class

- ❖ Class on – Monday, Wednesday & Friday
- ❖ Weekly Test on – Tuesday & Thursday
- ❖ Test Series on – Sunday
- ❖ General Studies Class – 225 hrs
- ❖ Tamil Eligibility Class – 25 hrs
- ❖ Total Class – 250+ hrs
- ❖ Course Duration – 6 Months (Approximately)
- ❖ Current Affairs Class – 6 Months

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Group IIA Mains Test Series

Tamil Eligibility Total Test - 5

Unit Test 3

Full Test 2

General Studies Part A – Total Test 22

Unit Test – 15

Unit Full Test – 5

General Studies Full Test - 2

General Studies Part B – Total Test 6

General Intelligence and Reasoning – 4

Full Test - 2

General Studies Part C – Total Test 4

General Tamil or General English – Unit Test -2

Full Test - 2

Model Exam – 3

Total Test - 40

Course Fee

Group IIA Mains – (Class + Test Series) – Rs 35000

Old Students Rs 30000

Group IIA Mains – (Test Series Only) – 25000

Old Students Rs 20000

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Test	Unit	Syllabus
Part A - General Studies		
1	Unit II Administration of States with reference to Tamil Nadu	Constitution of India <ol style="list-style-type: none">1. Preamble and Philosophical features2. Salient features and Sources3. Union, States and Union Territories4. Citizenship5. Fundamental Rights6. Fundamental Duties7. Directive Principles of State Policy8. Major Constitutional Amendments Union Government <ol style="list-style-type: none">1. President, Vice-President, Prime Minister and Council of Ministers Cabinet2. Parliament (Lok Sabha and Rajya Sabha)3. Parliament Committees State Government <ol style="list-style-type: none">1. Chief Minister and Council of Ministers2. Tamil Nadu Legislative Assembly3. Structure, Powers and Functions
2	Unit II Administration of States with reference to Tamil Nadu	Local Governments <ol style="list-style-type: none">1. Three-tier system – 73rd and 74th Constitutional amendments2. Tamil Nadu Panchayat Act 19943. Grama Sabha Tamil Nadu Administration <ol style="list-style-type: none">1. Nature, evolution and organisational structure and functions2. Salient features of Tamil Nadu administration<ol style="list-style-type: none">a) Secretariatb) Chief Secretaryc) Additional Chief Secretaryd) Principal Secretary to Government of Tamil Nadu District Administration <ol style="list-style-type: none">1. Role and functions of District Collector2. District Revenue Officer3. Revenue Divisional Officer4. Tahsildar5. Block Development Officer6. Revenue Inspector and VAO

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Test	Unit	Syllabus
3	Unit II Administration of States with reference to Tamil Nadu	E-Governance <ol style="list-style-type: none"> 1. E-Governance Policy of Government of Tamil Nadu 2. E-Governance and Mobile-Governance initiatives of Government of Tamil Nadu Tamil Nadu State's Specialised Undertakings and Agencies TN Welfare Schemes <ol style="list-style-type: none"> 1. Tamil Nadu Government sponsored welfare schemes and measures (Since 1990) – objectives, issues and challenges in the implementation 2. Impact of welfare schemes and measures on the socio-economic development of the people; Current Affairs.
Part B: General Intelligence and Reasoning		
4	General Intelligence and Reasoning	<ol style="list-style-type: none"> 1. Analogy 2. Classification 3. Coding and decoding 4. Relationship Concepts 5. Puzzles 6. Dice
Part A - General Studies		
5	Unit IV Tamil Nadu Economy and Social Issues in Tamil Nadu	Tamil Nadu Economy <ol style="list-style-type: none"> 1. Features State Budget <ol style="list-style-type: none"> 1. Major revenue and expenditure 2. State Income types State's Economic growth <ol style="list-style-type: none"> 1. Agriculture 2. Industry 3. Service Sector Agriculture <ol style="list-style-type: none"> 1. Major crops 2. Food grains 3. Cash crops 4. Types of farming 5. Organic farming 6. Inorganic farming 7. Contract farming 8. Farmers Producers Organisation (FPO) 9. Agricultural Marketing – Issues of Marketing 10. Online Marketing 11. Agriculture Budgeting in Tamil Nadu – Features

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Test	Unit	Syllabus
6	Unit IV Tamil Nadu Economy and Social Issues in Tamil Nadu	<p>Education</p> <ol style="list-style-type: none"> 1. Illiteracy 2. Gross Enrolment Ratio (GER) in schools and colleges 3. Measure and recent data 4. Student welfare schemes 5. Recent schemes for education 6. Linkage between education and social development <p>Poverty and Unemployment</p> <ol style="list-style-type: none"> 1. Unemployment issues in Tamil Nadu 2. State Government poverty alleviation schemes and employment generation schemes 3. Labour migration <p>Population & Child Labour</p> <ol style="list-style-type: none"> 1. Population growth rate 2. Sex ratio 3. Density of population 4. Causes for population growth 5. Population control programmes 6. Family planning and its achievements 7. Child Labour issues
7	Unit IV Tamil Nadu Economy and Social Issues in Tamil Nadu	<p>Health</p> <ol style="list-style-type: none"> 1. Vital Statistics 2. Recent health schemes <p>Women Empowerment</p> <ol style="list-style-type: none"> 1. Domestic violence 2. Dowry problems 3. Sexual assault 4. Laws and awareness programmes 5. Women welfare schemes 6. Self Help Groups <p>Marginalised Groups</p> <ol style="list-style-type: none"> 1. Problems 2. Scheduled Castes and Scheduled Tribes 3. Elderly 4. People with disability 5. Transgender 6. Religious minorities 7. State Government welfare programmes to marginalised groups <p>Current Affairs</p>
Part B: General Intelligence and Reasoning		
8	General Intelligence and Reasoning	<ol style="list-style-type: none"> 1. Direction and Distance 2. Logical Venn diagrams 3. Alpha-numeric reasoning 4. Arithmetical reasoning 5. Verification of Truth of the Statement 6. Similarities and Differences

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Test	Unit	Syllabus
9	Unit V Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	<ol style="list-style-type: none"> 1. Geography: Location 2. Administrative units 3. Relief features 4. Major Rivers 5. Climate: temperature, rainfall and monsoon 6. Soil: classification and distribution; 7. Forests: classification, distribution, wildlife and birds sanctuaries, forest products; 8. Livestock: cattle and dairying; Fishing: freshwater and saline water fishing; 9. Irrigation: types and distribution of canal, tank and well irrigation, watershed and minor irrigation projects;
10	Unit V Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	<p>Biodiversity and Conservation</p> <ol style="list-style-type: none"> 1. Definition 2. Types - genetic, species and ecosystem diversity 3. Values 4. Threats to biodiversity 5. Habitat destruction 6. Invasive species and anthropogenic activities 7. Climatic change and wildfire 8. Causes and consequences of species extinction <p>Biodiversity conservation In-situ and ex-situ</p> <p>Biodiversity conservation strategies</p> <ol style="list-style-type: none"> 1. International environmental governance 2. Biodiversity Act (BDA) 3. International Union for Conservation of Nature (IUCN) 4. Convention on International Trade in Endangered Species 5. World Wide Fund for Nature (WWF) 6. Biodiversity hotspots of India <p>Sustainable development</p> <ol style="list-style-type: none"> 1. Sustainable development goals and targets <p>Disaster Management</p> <ol style="list-style-type: none"> 1. Overview of disasters 2. Definitions and types; 3. Introduction to disaster risk management framework 4. Natural calamities 5. Anthropogenic disasters 6. Role of space technology in disaster management 7. Tamil Nadu State Disaster Management Authority 8. Tamil Nadu Disaster Management Plan 9. Role of NGO and Civil society organisation in disaster management and mitigation in Tamil Nadu

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Test	Unit	Syllabus
11	Unit V Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	Minerals 1. Distribution and production of iron ore and bauxite Power Resources 1. Coal 2. Petroleum Industries 1. Iron and steel 2. Textiles 3. Cement 4. Automobile 5. Sugarcane 6. Cotton industries Transport 1. Road, 2. Railway 3. Air 4. Sea transport Environment 1. Environmental issues in Tamil Nadu Pollution 1. Air 2. Water 3. Soil 4. Thermal 5. Radioactive 6. Noise Natural resource types 1. Renewable and nonrenewable energy resources
Part B: General Intelligence and Reasoning		
12	General Intelligence and Reasoning	1. Calendar 2. Permutation Combination 3. Inserting the missing characters 4. Logical reasoning 5. Figural series 6. Numerical Operations 7. Symbolic operations

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Test	Unit	Syllabus
13	Unit III Science and Technology in Development	<ol style="list-style-type: none"> 1. Atomic and Nuclear Physics 2. Applications of nuclear energy 3. Electronics and Communication 4. Robotics and applications 5. Nanotechnology and its applications; 6. Electrochemical cells, Batteries 7. Gaseous fuels, LPG 8. Polymers, Carbohydrates, Vitamins Antibiotics 9. Applications of Geographic Information System (GIS) <p>Biotechnology</p> <ol style="list-style-type: none"> 1. Applications of biotechnology – concepts - tools used 2. plant genetic engineering – concepts - transgenic plants, edible vaccines, BT cotton, Golden rice - social and ecological impact of genetically modified crops 3. Biotechnological methods for crop improvement – 4. Application of plant tissue culture in forestry and horticulture - DNA fingerprinting – Applications of Polymerase Chain Reaction (PCR) and Enzyme-Linked Immuno Sorbent Assay (ELISA) in disease diagnosis;
14	Unit III Science and Technology in Development	<p>Advanced reproductive techniques</p> <ol style="list-style-type: none"> 1. In-Vitro Fertilisation (IVF) 2. Artificial insemination 3. Test tube baby <p>Vaccines</p> <ol style="list-style-type: none"> 1. Types 2. Vaccination schedule in humans <p>Contribution of the scientists from Tamil Nadu</p> <p>Digital Computer Fundamentals:</p> <ol style="list-style-type: none"> 1. Hardware Components 2. Input / Output Devices <p>Memory types</p> <ol style="list-style-type: none"> 1. RAM 2. ROM 3. PROM 4. EPROM 5. EEPROM <p>Secondary Storage Devices</p> <ol style="list-style-type: none"> 1. HDD, SDD, CD Type

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Test	Unit	Syllabus
15	Unit III Science and Technology in Development	CPU 1. Control Unit 2. Arithmetic Logic Unit Software types System Software 1. OS – System Commands of Windows and Linux Application Software 1. DBMS – Database Creation, 2. Queries – Word Processor, 3. Spreadsheet, Presentation Software Communication Software 1. Browser 2. Email 3. Sending and receiving email, 4. Document sharing and Folder Management Computer Network 1. Classification of Networks 2. Topology Multimedia and Applications 1. Image 2. Audio 3. Video File types Network Security 1. User Authentication Current Affairs
Part B: General Intelligence and Reasoning		
16	General Intelligence and Reasoning	1. Word building 2. Statement and Conclusion 3. Address matching 4. Mirror images 5. Embedded figures 6. Visual reasoning 7. Figural classification 8. Square completion

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Test	Unit	Syllabus
17	Unit I Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	Advent of Europeans 1. The Portuguese 2. The Dutch 3. The English 4. The Danish 5. The French Wars 1. Anglo French Rivalry 2. Anglo-Mysore War 3. Anglo-Maratha War The Polligar rebellion Vellore Mutiny Socioreligious reforms in the 18th and 19th centuries 1. Christian Missionaries 2. Brahma Samaj 3. Arya Samaj 4. Theosophical Society 5. Ramakrishna Mission
18	Unit I Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	Reforms of British East India Company's rule in Tamil Nadu Emergence of Freedom Struggle in Tamil Nadu 1. Madras Native Association 2. Madras Mahajana Sabha Indian National Movement 1. Swedeshi Movement 2. Moderates and Extremists in Tamil Nadu 3. Home Rule Agitation 4. Non-Cooperation Movement 5. Civil Disobedient Movement 6. Quit India Movement Contribution of Tamilians in Freedom movement 1. Literary personalities 2. Journalists 3. Women activists 4. Types of struggles 5. revolutionary songs; Socio-political movements of 19th and 20th centuries 1. Justice Party, Development of Rationalism – Self-Respect Movement – Dravidian Movement – Tani Tamil Iyakkam (Pure Tamil Movement) Tamil Society Reforms personalities 1. Thanthai Periyar, Arignar Anna, and other scholars.

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Test	Unit	Syllabus
19	Unit I Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	Ancient Tamil Society 1. Archeological excavation evidence Arikamedu, Adichanallur, Keezhad 2. Sangam Literature – advent of Sangam era; Thirukkural 1. Philosophical thoughts in Thirukkural for humanity and way of life – concepts in Thirukkural for betterment of humanity – life principles, social principles, management principles and other principles laid down in Thirukkural
Part C: Language (General Tamil or General English)		
20	General Tamil/ General English	Unit 1 – 10
21	General Tamil/ General English	Unit 11 - 21

Tamil Eligibility Test

Test	Unit
22	Unit 1, 2 & 3
23	Unit 4 & 5
24	Unit 6 & 7

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Part A: General Studies – Unit - Full Test

Test	Unit	Syllabus
25	Unit I	Full Syllabus
26	Unit II	Full Syllabus
27	Unit III	Full Syllabus
28	Unit IV	Full Syllabus
29	Unit V	Full Syllabus

Part B: General Intelligence and Reasoning Full Test

Test	Unit	Syllabus
30	Topics 1 to 27	Full Syllabus
31	Topics 1 to 27	Full Syllabus

Part C: Language (General Tamil or General English) Full Test

Test	Unit	Syllabus
32	General Tamil/General English	Full Syllabus
33	General Tamil/General English	Full Syllabus

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Tamil Eligibility Full Test

Test	Unit	Syllabus
34	Tamil Eligibility Test	Full Syllabus
35	Tamil Eligibility Test	Full Syllabus

General Studies – Full Test

Test	Unit	Syllabus
36	General Studies	Unit 1 – Unit 5 Full Syllabus
37	General Studies	Unit 1 – Unit 5 Full Syllabus
Model Exam		
38	Paper 1 & Paper 2	Model Exam 1
39	Paper 1 & Paper 2	Model Exam 2
40	Paper 1 & Paper 2	Model Exam 3