

Test Batch Schedule

Combined Civil Services (Main) Examination – II (Group – IIA Services)

(Objective Type)

DETAILS OF TEST SERIES

Test Starts on 16th Dec,2024

PAPER I

Tamil Eligibility Test - 05 tests

PAPER II

General Studies split test	- 10 tests
Language split test	- 06 tests
General Intelligence and Reasoning	- 04 tests
Mock test	- 01 test

TOTAL - 26 tests

Test Discussion : 2 PM to 5 PM

Mode of Test : Online mode only

HIGHLIGHT OF OUR TEST SERIES

- Extensive coverage of syllabus
- Results will be declared on the same day
- Detailed discussion will be conducted for each test (GS+ General Intelligence and Reasoning) and the explanation PDFs will be shared.
- Quality of questions is based on recent TNPSC Patterns with inputs from experts and TNPSC Toppers
- Experienced faculties will give mentorship and Guidance
- Working professional can take tests at any time at their convenience (*Online)

TEST	TOPIC	DAY	DATE
General Studies			
Test 01	Unit I - Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	Monday	16/12/2024
Test 02	Unit I -Ancient Tamil Society and Socio-Political Movements	Friday	20/12/2024
Test 03	Unit II - Administration of States with Reference to Tamil Nadu	Monday	23/12/2024
Test 04	Unit II -Tamil Nadu Administration and E-Governance	Friday	27/12/2024
Test 05	Unit III : Science and Technology in Development	Monday	30/12/2024
Test 06	Unit III - Biotechnology and Advanced Reproductive Techniques	Friday	03/01/2025
Test 07	Unit IV : Tamil Nadu Economy and Social Issues	Monday	06/01/2025
Test 08	Unit IV - Population and Social Issues	Friday	10/01/2025
Test 09	Unit V - Geography of Tamil Nadu and Environmental Issues	Monday	13/01/2025
Test 10	Unit V - Environmental Issues and Disaster Management	Friday	17/01/2025
General Intelligence and Reasoning			
Test 1	General Intelligence and Reasoning - I	Monday	20/01/2025
Test 2	General Intelligence and Reasoning - II	Wednesday	22/01/2025
Test 3	General Intelligence and Reasoning - III	Friday	24/01/2025
Test 4	General Intelligence and Reasoning - IV	Monday	26/01/2025
Language			
Language 1			
Language 2			
Language 3			
Language 4			
Language 5			
Language 6			
Mock - Tamil Eligibility Test		30/01/2025	
Mock - GS Full Test		03/02/2025	

General Studies - Test 1

Topic: Unit I- Modern History of Tamil Nadu, Tamil Society – Culture and Heritage

Details:Advent of Europeans - the Portuguese, the Dutch, the English, the Danish and the French-Anglo French Rivalry - Anglo-Mysore War – Anglo-Maratha War - The Polligar rebellion – Vellore Mutiny; Socioreligious reforms in the 18th and 19th centuries: Christian Missionaries - Brahma Samaj - AryaSamaj - Theosophical Society - Ramakrishna Mission; Reforms of British East India Company's rule in Tamil Nadu; Emergence of Freedom Struggle in Tamil Nadu - Madras Native Association - Madras MahajanaSabha - Indian National Movement – Swedeshi Movement - Moderates and Extremists in Tamil Nadu - Home Rule Agitation - Non-Cooperation Movement - Civil Disobedient Movement - Quit India Movement.

Number of Questions: 200

General Studies - Test 2

Topic:Unit I -Ancient Tamil Society and Socio-Political Movements

Details:Ancient Tamil Society – Archeological excavation evidence – Arikamedu, Adichanallur, Keezhadi – Sangam Literature – advent of Sangam era; Thirukkural - 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; Contribution of Tamilians in Freedom movement: Literary personalities – Journalists – Women activists – Types of struggles – revolutionary songs; Socio-political movements of 19th and 20th centuries: Justice Party, Development of Rationalism – Self-Respect Movement – Dravidian Movement – Tani Tamil Iyakkam (Pure Tamil Movement); Tamil Society Reforms personalities: ThanthaiPeriyar, Arignar Anna, and other scholars.

Number of Questions: 200

General Studies - Test 3

Topic: Unit II- Administration of States with Reference to Tamil Nadu

Details:Constitution of India: Preamble and Philosophical features – Salient features and Sources – Union, States and Union Territories; Citizenship - Fundamental Rights, Fundamental Duties, Directive Principles of State Policy; Union Government: President,

Vice-President, Prime Minister and Council of Ministers – Parliament (Lok Sabha and Rajya Sabha); State Government: Chief Minister and Council of Ministers – Tamil Nadu Legislative Assembly: Structure, Powers and Functions; Local Governments: Three-tier system – 73rd and 74th Constitutional amendments.

Number of Questions: 200

General Studies - Test 4

Topic: Unit II - Tamil Nadu Administration and E-Governance

Details: Tamil Nadu Panchayat Act 1994 – Grama Sabha; Tamil Nadu Administration: Nature, evolution and organisational structure and functions – Salient features of Tamil Nadu administration – Secretariat, Chief Secretary, Additional Chief Secretary, Principal Secretary to Government of Tamil Nadu; District Administration: Role and functions of District Collector, District Revenue Officer, Revenue Divisional Officer, Tahsildar, Block Development Officer, Revenue Inspector, and Village Administrative Officer; E-Governance Policy of Government of Tamil Nadu – E-Governance and Mobile-Governance initiatives of Government of Tamil Nadu - Tamil Nadu State's Specialised Undertakings and Agencies; Tamil Nadu Government sponsored welfare schemes and measures (Since 1990) – objectives, issues and challenges in the implementation – Impact of welfare schemes and measures on the socio-economic development of the people; Current Affairs.

Number of Questions: 200

General Studies - Test 5

Topic: Unit III: Science and Technology in Development

Details: Atomic and Nuclear Physics – Applications of nuclear energy - Electronics and Communication - Robotics and applications; Nanotechnology and its applications; Electrochemical cells – Batteries – Gaseous fuels – LPG – Polymers & ; Digital Computer Fundamentals: Hardware Components – Input / Output Devices; Memory types:

Number of Questions: 200

General Studies - Test 6

Topic: Unit III - Biotechnology and Advanced Reproductive Techniques

Details: Carbohydrates – Vitamins – Antibiotics; Applications of Geographic Information System (GIS); Biotechnology: Applications of biotechnology – concepts - tools used – plant genetic engineering – concepts - transgenic plants, edible vaccines, BT cotton, Golden rice - social and ecological impact of genetically modified crops - Biotechnological methods for crop improvement - 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; Advanced reproductive techniques: In-Vitro Fertilisation (IVF) – Artificial insemination – test tube baby; Vaccines: types – vaccination schedule in humans; Contribution of the scientists from Tamil Nadu.

Number of Questions: 200

General Studies - Test 7

Topic: Unit IV: Tamil Nadu Economy and Social Issues

Details: Tamil Nadu Economy – Features – State Budget: Major revenue and expenditure – State Income types – State's Economic growth: Agriculture - Industry – Service Sector; Agriculture: Major crops – Food grains – Cash crops – Types of farming – Organic farming – Inorganic farming – Contract farming – Farmers Producers Organisation (FPO) – Agricultural Marketing – Issues of Marketing – Online Marketing – Agriculture Budgeting in Tamil Nadu – Features; Education: Illiteracy - Gross Enrolment Ratio (GER) in schools and colleges – Measure and recent data - Student welfare schemes – Recent schemes for education - Linkage between education and social development; Poverty and Unemployment: Unemployment issues in Tamil Nadu - State Government poverty alleviation schemes and employment generation schemes; Labour migration.

Number of Questions: 200

General Studies - Test 8

Topic: Unit IV - Population and Social Issues

Details: Population growth rate – Sex ratio – Density of population – Causes for population growth - Population control programmes – Family planning and its achievements; Child Labour issues; Health: Vital Statistics – Recent health schemes; Women Empowerment: Domestic violence – Dowry problems – Sexual assault – Laws and awareness programmes - Women welfare schemes - Self Help Groups; Marginalised Groups: Problems – Scheduled Castes and Scheduled Tribes - Elderly – People with disability – Transgender – Religious minorities – State Government welfare programmes to marginalised groups; Current Affairs.

Number of Questions: 200

General Studies - Test 9

Topic: Unit V - Geography of Tamil Nadu and Environmental Issues

Details: Geography: Location – Administrative units – Relief features – Major Rivers; Climate: temperature, rainfall and monsoon; Soil: classification and distribution; Forests: classification, distribution, wildlife and birds sanctuaries, forest products; Livestock: cattle and dairying; Fishing: freshwater and saline water fishing; Irrigation: types and distribution of canal, tank and well irrigation, watershed and minor irrigation projects; Minerals: distribution and production of iron ore and bauxite; Power Resources: coal and petroleum; Industries: iron and steel, textiles, cement, automobile, sugarcane and cotton industries; Transport: road, railway, air and sea transport.

Number of Questions: 200

General Studies - Test 10

Topic: Unit V - Environmental Issues and Disaster Management

Details: Environment: Environmental issues in Tamil Nadu – pollution - air, water, soil, thermal, radioactive, noise; Natural resource types – renewable and nonrenewable energy resources; Biodiversity and Conservation: Definition, types - genetic, species and ecosystem diversity – values - threats to biodiversity - habitat destruction, invasive species and anthropogenic activities - climatic change and forest fire. Causes and consequences of species extinction; Biodiversity conservation: in-situ and ex-situ - Biodiversity conservation strategies - State Biodiversity action plan - Biodiversity hotspots in Tamil Nadu; Sustainable development - Sustainable development goals and targets; Green energy - Paris Agreement and COP28; Disaster Management: Overview of disasters - definitions and types. Natural calamities in Tamil Nadu; Anthropogenic disaster - global warming and climate change issues in Tamil Nadu - Climate change governance - mitigations and adaptations - State action plan for climate change; Tamil Nadu State Disaster Management Authority – Tamil Nadu Disaster Management Plan – Role of NGO and Civil society organisation in disaster management and mitigation in Tamil Nadu; Current Affairs.

Number of Questions: 200

General Intelligence and Reasoning - Test 1

Topic: General Intelligence and Reasoning

Details: Analogy, Classification, Coding and decoding, Relationship Concepts, Puzzles, Dice, Direction and Distance

Number of Questions: 200

General Intelligence and Reasoning - Test 2

Topic: General Intelligence and Reasoning

Details: Logical Venn Diagrams, Alpha-Numeric Reasoning, Arithmetical reasoning, Verification of Truth of the Statement, Similarities and Differences, Calendar, Permutation Combination

Number of Questions: 200

General Intelligence and Reasoning - Test 3

Topic: General Intelligence and Reasoning

Details: Inserting Missing Characters, Logical reasoning ,Figural Series, Numerical Operations, Symbolic operations, Word building, Statement and Conclusion.

Number of Questions: 200

General Intelligence and Reasoning - Test 4

Topic: General Intelligence and Reasoning

Details: Address Matching, Mirror Images, Embedded Figures, Visual reasoning, Figural classification, Square completion

Number of Questions: 200

Topic: Full Mock

Number of Questions: 200

Language - Test 1

Topic: Language (General Tamil or General English)

Details:

பொதுத்தமிழ்

பொருத்துதல்பொருத்தமானபொருளைத்தேர்வுசெய்தல், டிகழ்பெற்றநூல், நூலாசிரியர்.தொடரும்தொடர்பும்அறிதல் (i) இத்தொடரால்குறிக்கப்படும்சான்றோர், (ii) அடைமொழியால்குறிக்கப்படும்நூல்.பிரித்தெழுதுக. எதிர்ச்சொல்லைஎடுத்தெழுதுதல்.பொருந்தாச்சொல்லைக்கண்டறிதல். + 6th இலக்கணம்

(Or)

General English

Match the following words and phrases given in Column A with their meanings in Column B. Choose the correct 'Synonym' for the underlined word from the options given. Choose the correct 'Antonym' for the underlined word from the options given. Select the correct word (Prefix, Suffix). Fill in the blanks with suitable Article. Fill in the blanks with suitable Preposition.

Number of Questions: 200

Language - Test 2

Topic: Language (General Tamil or General English)

Details:

பொதுத்தமிழ்:

பிழைதிருத்தம்சந்திப்பிழையைநீக்குதல், ஒருமைபன்மைபிழைகளைநீக்குதல், மரபுப்பிழைகள், வழுவச்சொற்களைநீக்குதல், பிறமொழிச்சொற்களைநீக்குதல்.ஆங்கிலச்சொல்லுக்குநேரானதமிழ்ச்சொல்லைஅறிதல்.ஒலிவேறுபாடறிந்துசரியானபொருளைஅறிதல்.வேர்ச்சொல்லைத்தேர்வுசெய்தல்.வேர்ச்சொல்லைக்கொடுத்து, வினைமுற்று, வினையெச்சம், வினையாலணையும்பெயர், தொழிற்பெயரைஉருவாக்கல்.+ 7th இலக்கணம்

(Or)

General English

Select the correct Question Tag. Select the correct Tense. Select the correct Voice. Fill in the blanks (Infinitive, Gerund, Participle). Identify the sentence pattern of the following sentence (Subject, Verb, Object...). Fill in the blanks with correct Homophones.

Number of Questions: 200

Language - Test 3

Date:23/11/2024

Topic: Language (General Tamil or General English)

Details:

பொதுத்தமிழ்

அகரவரிசைப்படி சொற்களைச் சீர்செய்தல். சொற்களை ஒழுங்குபடுத்தி சொற்றொடர் ஆக்குதல். பெயர்ச்சொல்
லின்வகை அறிதல். விடைக்கேற்ற வினாவைத் தேர்ந்தெடுத்தல். + 8th இலக்கணம்

(Or)

General English

Find out the Error (Articles, Preposition, Noun, Verb, Adjective, Adverb). Select the correct sentence. Find out the odd words (Verb, Noun, Adjective, Adverb). Select the correct Plural forms. Identify the sentence (Simple, Compound, Complex Sentence). Identify the correct Degree.

Number of Questions: 200

Language - Test 4

Topic: Language (General Tamil or General English)

Details:

பொதுத்தமிழ்

தன்வினை, பிறவினை, செய்வினை, செயப்பாட்டு வினைவாக்கியங்களைக் கண்டெழுதுதல். உவமையால்
விளக்கப்பெறும் பொருத்தமான பொருளைத் தேர்ந்தெழுதுதல். எதுகை, மோனை, இயைபு இவற்றுள்
ஏதேனும் ஒன்றை தேர்ந்தெழுதுதல். பழமொழிகள். + 9th இலக்கணம்

(Or)

General English

Select the correct Tense. Find out the Error (Articles, Preposition, Noun, Verb, Adjective, Adverb). Identify the sentence (Simple, Compound, Complex Sentence). Form a new word by blending the words. Form compound words (eg.:Noun+Verb, Gerund+Noun). British English – American English. General Comprehension

Number of Questions: 200

Language - Test 5

Topic: Language (General Tamil or General English)

Details:

பொதுத்தமிழ்

இலக்கணக்குறிப்பறிதல். எவ்வகைவாக்கியம் எனக்கண்டெழுதுதல். ஓரெழுத்து ஒரு மொழி உரிய பொருளைக் கண்டறிதல். + 10th இலக்கணம்

(Or)

General English

Match the following words and phrases given in Column A with their meanings in Column B. Choose the correct 'Synonym' for the underlined word from the options given. Choose the correct 'Antonym' for the underlined word from the options given. Select the correct word (Prefix, Suffix). Fill in the blanks with suitable Article. Fill in the blanks with suitable Preposition. Select the correct Question Tag. Select the correct Tense. Select the correct Voice. Fill in the blanks (Infinitive, Gerund, Participle). Identify the sentence pattern of the following sentence (Subject, Verb, Object...). Fill in the blanks with correct Homophones.

Number of Questions: 200

Language - Test 6

Topic: Language (General Tamil or General English)

Details:

பொதுத்தமிழ்: 6th to 10th இலக்கணம்

(or)

General English

Find out the Error (Articles, Preposition, Noun, Verb, Adjective, Adverb). Select the correct sentence. Find out the odd words (Verb, Noun, Adjective, Adverb). Select the correct Plural forms. Identify the sentence (Simple, Compound, Complex Sentence). Identify the correct Degree. Form a new word by blending the words. Form compound words (eg.:Noun+Verb, Gerund+Noun). British English – American English. General Comprehension

Number of Questions: 200

KingMakers IAS Academy

Test Batch Schedule

Combined Civil Services (Main) Examination – II (Group – II Services)

(Descriptive Type)

DETAILS OF TEST SERIES

PAPER I

Tamil Eligibility Test - 05 tests

PAPER II

Sectional-wise test - 16 tests

Revision test - 02 tests

Mock test - 01 tests

TOTAL - 24 tests

Test Starts on 16th Dec,2024

Test Timing : 2 PM to 5 PM

Test Discussion : 5:30 PM to 8 PM

Mode of Test : Offline & Online

TEST SERIES FEATURES:

- ✓ 24 Tests with discussion including 05 Tamil Eligibility (Paper I) Tests.
- ✓ Question Paper & Answer booklets will be provided as Printed and PDF documents.
- ✓ The quality of questions is based on recent TNPSC patterns with inputs from experts and TNPSC toppers.
- ✓ All Tamil Eligibility (Paper I) Tests are provided only in online mode.
- ✓ A Decoded Syllabus (only for selected subjects) will be given to every student for continual enhancement and comprehensive completion of the Test syllabus.
- ✓ Working professionals can take tests at any time as per your convenience (Online).
- ✓ Mentorship and Guidance will be given by experienced faculties.
- ✓ Corrected answer papers will be distributed before the next test*.

INSTRUCTIONS FOR ONLINE STUDENTS

- ✓ Download the answer booklet from your mail given for admission.
- ✓ Take the print out of the booklet.
- ✓ After completing the test, scan the booklet using adobe scanner (most recommended) and convert it into PDF format.
- ✓ Save the file in the following format: “Initial_Name of the Student _Test Number”
Example:**M.MANI_Test01.PDF**
- ✓ Share the scanned answer sheet in PDF format to kmias.tnpscmain@gmail.com
- ✓ The subject of the mail should be in the above format.

INSTRUCTION TO THE CANDIDATES

- ✓ We request all the TNPSC Group II Main candidates to use only black pen for writing, underlining, drawing diagrams, highlighting points, etc. For all the purposes,
- ✓ Candidates are advised to use the same black pen from starting to ending of the examination.
- ✓ No special symbols are allowed except (-) hyphen. (Negative Marking is there)
- ✓ For **TAMIL SOCIETY-ITS CULTURE AND HERITAGE (Unit III of GS II) part, candidates can answer the questions either in Tamil or English.**

TEST	DAY	DATE
Test 01	Monday	16/12/2024
Test 02	Friday	20/12/2024
Test 03	Monday	23/12/2024
Test 04	Friday	27/12/2024
Test 05	Monday	30/12/2024
Test 06	Friday	03/01/2025
Test 07	Monday	06/01/2025
Test 08	Friday	10/01/2025
Test 09	Monday	13/01/2025
Test 10	Friday	17/01/2025
Test 11	Monday	20/01/2025
Test 12	Friday	24/01/2025
Test 13	Monday	27/01/2025
Test 14	Friday	31/01/2025
Test 15	Monday	03/02/2025
Test 16	Monday	10/02/2025
Test 17	Wednesday	12/02/2025
Test 18	Friday	14/02/2025
Full Mock	Monday	17/02/2025

Unit I: Modern History of India with Specific Reference to Tamil Nadu

Test Portion 1:

Advent of Europeans and Expansion of British Rule

- **Advent of Europeans:** Portuguese, Dutch, English, Danish, French.
- **Expansion of British Rule:** Carnatic Wars.

Early Uprisings and the Freedom Struggle

- **Early Uprisings:** Revolt of Poligars, South Indian Rebellion, Vellore Mutiny.
- **Indian National Movements:** Moderates, Extremists, Terrorist Movements – Gandhian Era.
- **Freedom Movement in Tamil Nadu:** Key figures and their contributions.

Test Portion 2:

Contributions and Impact of British Rule

- **Contributions of Tamil Nadu Figures:** V.O. Chidambaram, Bharathiyar, V.V. Subramanian.etc.
 - **Types of Freedom Struggle:** Literature, Plays, Songs, Films.
 - **Contribution of Women:** Dr. MuthulakshmiAmmayyar, MuvalurRamamirtham.etc
 - **Impact of British Rule:** Education, Judiciary, Local Governance.etc
 - **Social Justice Ideology:** Origin and Growth, Socio-Religious Movements, Political Parties.
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Unit II: Tamil Society, Culture, and Heritage

Test Portion 3:

Ancient Tamil Society and Sangam Literature

- **Archaeological Evidence:** Arikamedu, Adichanallur, Keezhadi.
- **Sangam Literature:** Classical Tamil.
- **Thirukkural:** Guidance on life, administration, judiciary, daily life, philosophy.

Tamil Cultural Elements and Arts

- **Cultural Conventions and ancient cultural knowledge of Tamilians,** Conventional thoughts of Tamilians
- **Cultural Elements:** Tamil Nadu State Government Symbols.
- **Experts in Cultural Fields:** Folk Dances, Folk Music, Folk Drama.

- **World Tamil Conferences.**

Test Portion 4:

Sociopolitical Movements and Tamil Society Reforms

- **Sociopolitical Movements:** 19th and 20th centuries.
 - **Vallalar's Samarasa Sutha Sanmarga Satya Sangam.**
 - **Justice Party:** Origin and development.
 - **Impact of Rationalism Movement:** Self-Respect Movement, Dravidian Movement, Tani Tamil Iyakkam.
 - **Key Tamil Society Reform Personalities:** Thanthai Periyar, Arignar Anna and others.
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Unit III: Social Issues in India with Specific Reference to Tamil Nadu

Test Portion 5:

Population and Health Care, Child Labour and Abuse, Current Affairs

- **Population Explosion:** Fertility, Mortality, Migration, Census 2011, Population control programs.
- **Health Care:** Poor sanitation – Rural and Urban disparities – Poor infrastructure – Insufficient health care delivery – Role of Panchayat Raj and Urban Development Agencies – Health policy in India – Health care programmes in India
- **Child Labour and Abuse:** Child Education – School Dropouts – Gender disparities – Initiatives to eliminate Child Labour in India – Media and enhanced vulnerability – Laws to protect child abuse and welfare schemes

Test Portion 6:

Women Empowerment, Marginalized Groups, Social Changes, Current Affairs

- **Women Empowerment:** Domestic violence – Dowry problems – Sexual assault – Eve teasing – Kidnapping – Laws and awareness programmes – Role of Government and NGOs in women empowerment – Welfare schemes

- **Marginalized Groups:** Problems faced by SCs, STs, Elderly, Disabled, Transgender, Religious minorities, Central and State Government welfare programmes to marginalised groups.
 - **Social Changes:** Urbanization, Modernization, Globalization, – Policy, Planning and Programmes in India – Impact of Violence on Society – Religious Violence – Terrorism and Communal Violence – Causes and Remedies.
 - **Current Affairs:** Recent developments related to social issues.
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Unit IV: Science and Technology in Development

Test Portion 7:

Core Technologies and Applications, Current Affairs

- **Robotics and Applications.**
- **Atomic and Nuclear Physics:** Applications of nuclear energy.
- **Diodes and Transistors:** Functions and applications.
- **Broadcasting Technology.**
- **Electrochemical Cells:** Types of electrodes, Lithium-ion Battery.
- **Fuels:** LPG, Natural gas, Water gas.
- **Polymers:** Thermoplastics, Thermosetting plastics, PVC, PET, Nylon 66, Teflon.

Test Portion 8:

Biotechnology, and Environmental Technology, Current Affairs

- **Medicinal Chemistry:** Analgesics - Paracetamol and Aspirin, Antibiotics - Penicillin and Chloromycetin.
- **Biotechnology:** Applications of Biotechnology – Plant Genetic Engineering – concepts - transgenic plants, edible vaccines, Terminator Gene technology, BT Cotton, Golden rice, FlavrSavr tomato, Social and ecological impact of genetically modified crops - Biotechnological methods for crop improvement - Application of plant tissue culture in Forestry, Horticulture - Recombinant DNA Technology – DNA cloning - DNA fingerprinting – applications of PCR and ELISA in disease diagnosis – hybridoma techniques in the production of Mono Clonal Antibodies (MCA) – Animal cell culture techniques – stem cells and its applications.

Test Portion 9:

Advanced Technology and Computer Systems, Current Affairs

- **Applications of GIS.**
 - **Nanotechnology:** Fundamentals and applications, Nano Fertilizer, Nano Pesticides, Green Nanotechnology and Nano-farming
 - **Advanced Reproductive Techniques:** IVF, IUI, ICSI, Gamete Intra-Fallopian Transfer (GIFT) – cryopreservation of sperm.
 - **Computer Systems:** Computer Organization and Architecture – System Software and Application Software – Data Communication Networks – Cryptography – Computer Graphics and Multimedia – Mobile Computing and Communication – Web Technology and applications – E-Commerce – Cloud Computing Architecture – IOT.
 - **Emerging Technologies:** AI, Machine Learning, Cyber Security, Biometrics, Blockchain.
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Unit V: Constitution, Polity, and Governance in India with Specific Reference to Tamil Nadu

Test Portion 10:

Indian Constitution and Governance Structure, Current Affairs

- **Constitution of India:** Preamble and Philosophical features – Salient features and Sources – Union, States and Union Territories - Citizenship - Fundamental Rights, Fundamental Duties, Directive Principles of State Policy
- **Union Executive:** President, Vice-President, Prime Minister, Council of Ministers, – Cabinet.
- **Parliament:** Lok Sabha, Rajya Sabha, Committees, Major Amendments.

Test Portion 11:

State and Local Governance, Judiciary, and Electoral System, Current Affairs

- **State Government:** Chief Minister and Council of Ministers – Tamil Nadu Legislative Assembly: Structure, Powers and Functions.
- **Local Governments:** Three-tier system - 73rd and 74th Constitutional Amendments - Tamil Nadu Panchayat Act 1994 – Grama Sabha – Working of PRIs in Tamil Nadu – District Collector’s role in Development Administration; Dynamics of Indian Federalism: Centre-State relations: Administrative, Legislative, Financial – Issues and Challenges.

- **Judiciary:** Supreme Court, High Courts, District Courts – Subordinate Courts (Structure and Functions) – Judicial Review - Judicial Activism – Public Interest Litigation.

Test Portion 12:

Electoral System, Integrity in Polity, and Tamil Nadu Specific Issues, Current Affairs

- **Electoral System:** Election Commission (Constitutional Provisions, Composition, powers and functions); Party system in India: Regional and National political parties in India and Tamil Nadu.
- **Integrity in Polity:** Corruption in Politics.
- **Anti-Corruption measures:** Lokpal and LokAyukta – Central Vigilance Commission, Comptroller and Auditor General of India - Central Bureau of Investigation - Enforcement Directorate - Right to Information – Right to Services – Consumers’ Rights – Consumer Protection Act 2019 – Human Rights Act 1993 – National Human Rights Commission, State Human Rights Commission - Social Audit – Citizen’s Charter;
- **Political parties in Tamil Nadu:** Regional and National Parties – Welfare schemes and measures of successive Governments in Tamil Nadu after 1947 – Reservation and Language policy in Tamil Nadu – Impact of welfare schemes and measures in the socio-economic development of Tamil Nadu.
- **Education and Health Administrative Structure in Tamil Nadu: Evolution**
- **Achievements of Tamil Nadu in various fields:** Education, Health, Industrial, Information Technology, Agriculture, Women and Marginalised Groups; E-governance and Mobile– governance initiatives in Tamil Nadu – Public Service Delivery through e-governance. TNeGA – eService Centres; Problems in Public Service delivery in Tamil Nadu; Current Affairs.

Unit VI: Geography of India, Environment, Biodiversity, and Disaster Management in India with Specific Reference to Tamil Nadu

Test Portion 13:

Geography and Natural Resources, Current Affairs

- **Geographical Location and Physical Units:** River systems, Climate, Soil.
- **Agriculture and Livestock:** Major crops, Fisheries, Irrigation – Multipurpose Projects.
- **Minerals and Energy Resources:** : Iron ore, manganese, copper, bauxite, gold, silver, mica, coal, petroleum and natural Gas; Energy Resources: hydel, thermal, nuclear, wind, tidal and solar; Industries: textile, jute, sugar, cement, iron and steel.
- **Automobile And Shipbuilding:** Transport: road, railway, water and air.

Disaster Management, Current Affairs

- **Disaster Management:** Overview of disasters - definitions and types; Introduction to disaster risk management framework; Natural calamities - Anthropogenic disasters - global warming and climate change, industrial accidents.
- **Climate change governance:** mitigations and adaptations; Role of space technology in disaster management, National action plan for climate change.
- **Tamil Nadu Specific:** Tamil Nadu State Disaster Management Authority – Tamil Nadu Disaster Management Plan – Role of NGO and Civil society organisation in disaster management and mitigation in Tamil Nadu.

Test Portion 14:

Environment, Biodiversity, and Conservation, Current Affairs

- **Environment:** Global and national environmental issues – pollution - air, water, soil, thermal, radioactive, noise, electronic and solid wastes - Management of municipal solid wastes and bio-medical wastes.
- **Biodiversity and Conservation:** Definition, types - genetic, species and ecosystem diversity - values - threats to biodiversity - habitat destruction, invasive species and anthropogenic activities - climatic change and wildfire; Causes and consequences of species extinction, Biodiversity conservation: in-situ and ex-situ.
- **Biodiversity conservation strategies:** international environmental governance - Biodiversity Act (BDA), International Union for Conservation of Nature (IUCN), Convention on International Trade in Endangered Species (CITES), and World Wide Fund for Nature (WWF); Biodiversity hotspots of India; Sustainable development – Sustainable development goals and targets - Clean and Green energy - Paris Agreement and COP28.

Unit VII: Indian Economy with Specific Reference to Tamil Nadu

Test Portion 15:

Structure and Policies of Indian Economy, Foreign Trade, Finance Commission, Current Affairs

- **Nature of Indian Economy:** An assessment – Structure of Indian Economy.
- **New Economic Policy:** Rationale – Components – Privatisation, Deregulation, Trade Liberalisation. Indian Economy since 1991 Reforms (Overview only).
- **Sources of Revenue:** Revenue Receipts – Capital Receipts – Revenue Expenditure – Capital Expenditure.
- **Reserve Bank of India:** Functions, Monetary Policy – Components .

- **Fiscal Policy:** Fiscal reforms – Fiscal Responsibility and Budgetary Management (FRBM) Act.
- **Finance Commission:** Revenue sharing between Union and State Governments – Recommendations of recent Finance Commission.
- **Foreign trade:** Composition, Direction and Organization of Trade – Foreign Direct Investment (FDI) - Balance of Trade – Balance of Payment – External Debt; Current Affairs.

Test Portion 16:

Agricultural and Rural Development, Labour, and Poverty, Economic Indicators, Current Affairs

- **Agricultural and Rural Development:** Land Reforms – Rural Credit, Modern Farming Technics and Marketing - e-NAM (electronic – National Agricultural Marketing) – Price Policy – M.S. Swaminathan Commission’s Recommendations - Subsidies – Commercialisation and Diversification of Agriculture – Rural Development Programmes – Poverty Alleviation Programmes – National Rural Employment Guarantee Scheme (NREGS).
- **Labour:** Employment – Types – Sectoral Distribution – Labour Welfare Measures – Recent Indian Employment Report of International Labour Organisation (ILO) (Overview only).
- **Poverty and Human Development:** Estimates of Inequality and Poverty alleviation measures
- **Economic Indicators:** Human Development Index (HDI), Gender Development Index (GDI), Gender Empowerment Measure (GEM) and Happiness Index (HI);

Test 17: REVISION 1 - UNIT I, UNIT II & UNIT V.

Test 18: REVISION 2 - UNIT III, UNIT IV, UNIT VI & UNIT VII.

FULL MOCK TEST
