



**SHANKAR
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Best Academy for Civil Services Exam Coaching

@ANNA NAGAR

TNPSC GROUP II A (CBT)

MAINS TEST SERIES - 2024

GROUP II/II-A RESULTS 2024

STATE RANK
(OT)

2



MS. MANJULA

STATE RANK
(NON-OT)

2



MS. THAMIHA SULTHANA

OUR CONTINUOUS LEGACY IN MAINS WRITTEN EXAMINATION MARKS

HIGHEST WRITTEN MARKS IN MAINS - GROUP II

2

ND
HIGHEST
IN
2019



MS. LAVANYA
MARKS - 181.50
REG.NO - 014623276

2

ND
HIGHEST
IN
2024



MS. THAMIHA SULTHANA
MARKS - 190.75
REG.NO - 1005069181

GROUP IIA MAIN TEST SERIES 2024

Test Starts on

4

October

38^{*}+

Tests

* No of Tests subject to change based on Group IIA Prelims Results

SECURE 100 IN PART B+C

ALWAYS 100 SERIES

9

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CA CLASSES

DECODED SYLLABUS

& more...

DETAILS OF THE MAIN TEST SERIES

TEST CYCLE : EVERY FRIDAY AND TUESDAY

TEST TIMING: 2:00 PM TO 5:00 PM

DISCUSSION: 5:15 PM TO 8:00 PM

FEE : RS. 15,000/- (FOR ONLINE OLD STUDENTS)
RS. 16,000/- (FOR ONLINE NEW STUDENTS)

TEST MODE : ONLINE ONLY

CONTACT : 76677 66266 | 044-43533445 |
044-45543082 | 044-48574957

FOR QUERY : tnpscmainshankariasacad.in

FOR GENERAL QUERY MAIL TO

zerofeedbackshankariasacad.in

FEATURES

OF GROUP IIA MAIN TEST SERIES 2024

1. Live Discussion for 100 Questions for every test.
2. Remaining 100 Questions Recorded Video of Detailed Discussion will be provided for Every Test
3. Dedicated Proctor for Every Student
4. Feedback Session on every week.
5. The explanation materials for all subjects will be given in either in Tamil or English as soft copy
6. All our tests are 300 marks tests only except Paper 1
7. Original Question Paper in PDF form will not be given for any reason (No Soft-copy will be provided)

& more...



TNPSC GROUP IIA – MAINS TEST SERIES 2024

TEST NO	DATE	PORTION		QUESTIONS
TEST 1.	4 th Oct	TNSCERT - 6 TH Std + 7 th Std	SCIENCE + SOCIAL SCIENCE	200
TEST 2.	8 th Oct	TNSCERT - 8 th Std	SCIENCE	200
TEST 3.	11 th Oct	TNSCERT - 8 th Std	SOCIAL SCIENCE	200
TEST 4.	15 th Oct	TNSCERT - 9 th Std	SCIENCE	200
TEST 5.	18 th Oct	TNSCERT - 9 th Std	SOCIAL SCIENCE	200
TEST 6.	22 nd Oct	TNSCERT - 10 th Std	SCIENCE	200
TEST 7.	25 th Oct	TNSCERT - 10 th Std	SOCIAL SCIENCE	200
TEST 8.	29 th Oct	TNSCERT – FULL TEST	6 TH TO 10 TH – SCIENCE + SOCIAL SCIENCE	200
TEST 9.	1 st Nov	Part A - Unit I: Modern History of Tamil Nadu, Tamil Society – Culture and Heritage Part A - Unit II: Administration of States with reference to Tamil Nadu	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; 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;	65 200 65



		Part B: General Intelligence and Reasoning	1. Analogy 2. Classification	30	
		Part C: Language (General English)	1. Match the following words and phrases given in Column A with their meanings in Column B. 4. Select the correct word (Prefix, Suffix).	40	
TEST 10.	5 th Nov	Part A - Unit I: Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	Socioreligious reforms in the 18th and 19th centuries: Christian Missionaries - Brahma Samaj - Arya Samaj - Theosophical Society - Ramakrishna Mission; Reforms of British East India Company's rule in Tamil Nadu;	65	200
		Part A - Unit II: Administration of States with reference to Tamil Nadu	Union Government: President, Vice-President, Prime Minister and Council of Ministers – Parliament (Lok Sabha and Rajya Sabha);	65	
		Part B: General Intelligence and Reasoning	3. Coding and decoding 4. Relationship Concepts	30	
		Part C: Language (General English)	2. Choose the correct 'Synonym' for the underlined word from the options given. 3. Choose the correct 'Antonym' for the underlined word from the options given	40	
TEST 11.	8 th Nov	Part A - Unit I: Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	Emergence of Freedom Struggle in Tamil Nadu - Madras Native Association - Madras Mahajana Sabha - Indian National Movement – Swadeshi Movement - Moderates and Extremists in Tamil Nadu - Home Rule Agitation - Non-Cooperation Movement - Civil Disobedient Movement - Quit India Movement;	65	200
		Part A - Unit II: Administration of States with reference to Tamil Nadu	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;	65	
		Part B: General Intelligence and Reasoning	5. Puzzles 6. Dice	30	
		Part C: Language (General English)	5. Fill in the blanks with suitable Article. 6. Fill in the blanks with suitable Preposition.	40	
TEST 12.	12 th Nov	Part A - Unit I: Modern History of Tamil Nadu, Part A - Tamil Society – Culture and Heritage	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,	65	200



		management principles and other principles laid down in Thirukkural; 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	65	
		Part A - Unit II: Administration of States with reference to Tamil Nadu		
		Part B: General Intelligence and Reasoning	7. Direction and Distance 8. Logical Venn diagrams	30
		Part C: Language (General English)	7. Select the correct Question Tag. 8. Select the correct Tense.	40
		Part A - Unit I: Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	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: Thanthai Periyar, Arignar Anna, and other scholars.	65
		Part A - Unit II: Administration of States with reference to Tamil Nadu	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;	200
		Part B: General Intelligence and Reasoning	9. Alpha-numeric reasoning 10. Arithmetical reasoning	30
		Part C: Language (General English)	9. Select the correct Voice. 10. Fill in the blanks (Infinitive, Gerund, Participle).	40
		Unit I: Modern History of Tamil Nadu, Tamil Society – Culture and Heritage		65
		Unit II: Administration of States with reference to Tamil Nadu		65
		Part B: General Intelligence and Reasoning		30
TEST 13.	15 th Nov			
TEST 14.	19 th Nov	Full Test		200



		<ol style="list-style-type: none"> 1. Analogy 2. Classification 3. Coding and decoding 4. Relationship Concepts 5. Puzzles 6. Dice 7. Direction and Distance 8. Logical Venn diagrams 9. Alpha-numeric reasoning 10. Arithmetical reasoning 		
		Part C: Language (General English)		
		<ol style="list-style-type: none"> 1. Match the following words and phrases given in Column A with their meanings in Column B. 2. Choose the correct 'Synonym' for the underlined word from the options given. 3. Choose the correct 'Antonym' 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 blanks 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). 	40	
TEST 15.	22 nd Nov	Part A - Unit IV: Tamil Nadu Economy and Social Issues in Tamil Nadu	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; 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;	65
		Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu		200
		Part B: General Intelligence and Reasoning	<ol style="list-style-type: none"> 11. Verification of Truth of the Statement 12. Similarities and Differences 	30



		Part C: Language (General English)	11. Identify the sentence pattern of the following sentence (Subject, Verb, Object...).	40	
			12. Fill in the blanks with correct Homophones		
		Part A - Unit IV: Tamil Nadu Economy and Social Issues in Tamil Nadu	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;	65	
TEST 16.	26th Nov	Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	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;	65	200
		Part B: General Intelligence and Reasoning	13. Calendar 14. Permutation Combination	30	
		Part C: Language (General English)	13. Find out the Error (Articles, Preposition, Noun, Verb, Adjective, Adverb). 14. Select the correct sentence	40	
		Part A - Unit IV: Tamil Nadu Economy and Social Issues in Tamil Nadu	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	65	
TEST 17.	29th Nov	Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	Environment: Environmental issues in Tamil Nadu – pollution - air, water, soil, thermal, radioactive, noise; Natural resource types – renewable and non-renewable 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.	65	200
		Part B: General Intelligence and Reasoning	15. Inserting the missing characters 16. Logical reasoning	30	
		Part C: Language (General English)	15. Find out the odd words (Verb, Noun, Adjective, Adverb). 16. Select the correct Plural forms.	40	



TEST 18.	3 rd Dec	Part A - Unit IV: Tamil Nadu Economy and Social Issues in Tamil Nadu	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;	65
		Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	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;	200
		Part B: General Intelligence and Reasoning	17. Figural series	30
		Part C: Language (General English)	18. Numerical Operations	
			17. Identify the sentence (Simple, Compound, Complex Sentence).	40
			18. Identify the correct Degree	
TEST 19.	6 th Dec		Part A - Unit IV: Tamil Nadu Economy and Social Issues in Tamil Nadu	65
			Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	65
			Part B: General Intelligence and Reasoning	
			11. Verification of Truth of the Statement	
			12. Similarities and Differences	
			13. Calendar	
		14. Permutation Combination	30	
		15. Inserting the missing characters		
		16. Logical reasoning		
		17. Figural series		
		18. Numerical Operations		
		Part C: Language (General English)	40	



			11. Identify the sentence pattern of the following sentence (Subject, Verb, Object...). 12. Fill in the blanks with correct Homophones. 13. Find out the Error (Articles, Preposition, Noun, Verb, Adjective, Adverb). 14. Select the correct sentence. 15. Find out the odd words (Verb, Noun, Adjective, Adverb). 16. Select the correct Plural forms. 17. Identify the sentence (Simple, Compound, Complex Sentence). 18. Identify the correct Degree	
TEST 20.	10 th Dec	Part A - Unit III: Science and Technology in Development	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 – Carbohydrates – Vitamins – Antibiotics; Applications of Geographic Information System (GIS)	65
		Current Affairs August 2024 + September 2024		65
		Part B: General Intelligence and Reasoning	19. Symbolic operations 20. Word building	30
		Part C: Language (General English)	19. Form a new word by blending the words.	40
TEST 21.	13 th Dec	Part A - Unit III: Science and Technology in Development	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;	65
		Current Affairs October 2024 + November 2024		65
		Part B: General Intelligence and Reasoning	21. Statement and Conclusion 22. Address matching 23. Mirror images 24. Embedded figures	30
				200



		Part C: Language (General English)	20. Form compound words (eg.: Noun+Verb, Gerund+Noun).	40
TEST 22.	17 th Dec	Part A - Unit III: Science and Technology in Development	Digital Computer Fundamentals: Hardware Components – Input / Output Devices; Memory types: RAM, ROM, PROM, EPROM, EEPROM; Secondary Storage Devices: HDD, SDD, CD Type – CPU: Control Unit - Arithmetic Logic Unit - Software types: System Software: OS – System Commands of Windows and Linux – Application Software: DBMS – Database Creation, Queries – Word Processor, Spreadsheet, Presentation Software – Communication Software: Browser, Email: Sending and receiving email, Document sharing and Folder Management – Computer Network: Classification of Networks - Topology – Multimedia and Applications: Image, Audio, Video File types – Network Security: User Authentication;	65
		Current Affairs	December 2024	65
		Part B: General Intelligence and Reasoning	25. Visual reasoning 26. Figural classification 27. Square completion.	30
		Part C: Language (General English)	21. British English – American English	40
TEST 23.	20 th Dec		Part A - Unit III: Science and Technology in Development	65
			Current Affairs – August 2024 to January 2025	65
			Part B: General Intelligence and Reasoning	
			19. Symbolic operations 20. Word building 21. Statement and Conclusion 22. Address matching	30
			23. Mirror images 24. Embedded figures 25. Visual reasoning 26. Figural classification	
			1. 27. Square completion.	200
		Part C: Language (General English)		
		27. Form a new word by blending the words. 28. Form compound words (eg.: Noun+Verb, Gerund+Noun).	40	
		29. British English – American English. 30. General Comprehension		
TEST 24.	24 th Dec	Part C: Language – General English – Full Test 1		200



TEST 25.	27 th Dec	Part A – Unit I Full Test	200
TEST 26.	31 st Dec	Part C: Language – General English – Full Test 2	200
TEST 27.	3 rd Jan	Part A – Unit II Full Test	200
TEST 28.	7 th Jan	Part C: Language – General English – Full Test 3	200
TEST 29.	10 th Jan	Part A – Unit III Full Test	200
TEST 30.	21 st Jan	Part B: General Intelligence and Reasoning – Full Test 1	150
TEST 31.	24 th Jan	Part A –Unit IV Full Test	200
TEST 32.	28 th Jan	Part B: General Intelligence and Reasoning – Full Test 2	150
TEST 33.	31 st Jan	Part A –Unit V Full Test	200
TEST 34.	4 th Feb	Current Affair – Full Test	200
TEST 35.	7 th Feb	Mock Test 1 – Paper 1 (Tamil Eligibility Test - Descriptive)	100 Marks



TEST 36.	7 th Feb	Mock Test 1 – Paper 2 (CBT - Objective)	100 + 40 + 60
TEST 37.	14 th Feb	Mock Test 2 – Paper 1 (Tamil Eligibility Test - Descriptive)	100 Marks
TEST 38.	14 th Feb	Mock Test 2 - Paper 2 (CBT - Objective)	100 + 40 + 60

22. General Comprehension – Will be added in all the Part C - General English Grammer Part.

Where to Study Plan

Test No	Portion	Where to Study
TEST 9.	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;	TNSCERT - 11th Std – History Unit 16 The Coming of the Europeans Unit 17 Effects of British Rule Unit 18 Early Resistance to British Rule Modern India - Spectrum
	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;	TNSCERT – 12TH Std – Political Science Unit 1 Constitution of India Indian Polity - Laxmikant
TEST 10.	Socioreligious reforms in the 18th and 19th centuries: Christian Missionaries - Brahma Samaj - Arya Samaj - Theosophical Society - Ramakrishna Mission; Reforms of British East India Company's rule in Tamil Nadu;	TNSCERT - 11th Std – History Unit 19 Towards Modernity Contemporary History of Tamil Nadu – G.Venkatesan Modern India - Spectrum
	Union Government: President, Vice-President, Prime Minister and Council of Ministers – Parliament (Lok Sabha and Rajya Sabha);	TNSCERT – 12TH Std – Political Science Unit 2 Legislature Unit 3 Executive Indian Polity - Laxmikant
TEST 11.	Emergence of Freedom Struggle in Tamil Nadu - Madras Native Association - Madras Mahajana Sabha - Indian National Movement – Swadeshi Movement - Moderates and Extremists in Tamil Nadu - Home Rule Agitation - Non-Cooperation Movement - Civil Disobedient Movement - Quit India Movement;	History of Indian Freedom Struggle – G.Venkatesan Contemporary History of Tamil Nadu – G.Venkatesan



	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;	TNSCERT – 12TH Std – Political Science Unit 2 Legislature Unit 3 Executive TNSCERT – 11TH Std – Political Science Unit 12 Local Governments Unit 13 Social Justice Unit 14 Political Developments in Tamilnadu Unit 15 Tamil Nadu Political Thought Indian Polity - Laxmikant
TEST 12.	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;	GT/Ethics – Books Ancient Tamil Society Archaeological Sites - AU Thirukural – Question Bank Thirukural - Series
	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	TNSCERT – 12TH Std Political Science (Old Book) Unit 8 Organisation of State Government – Tamil Nadu Unit 9 Local Self Government in Tamil Nadu Development Administration - TNOU
TEST 13.	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: Thanthai Periyar, Arignar Anna, and other scholars.	Contemporary History of Tamil Nadu – G.Venkatesan
	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;	— TNeGA — Department of Information Technology — Policy Notes of all departments of Tamil Nadu — Organizations of respective welfare departments
TEST 15	Tamil Nadu Economy – Features – State Budget: Major revenue and expenditure – State Income types – State's Economic growth: Agriculture -	TNSCERT – 12th Std – Economics Chapter 10 Rural Economy Chapter 11 Tamil Nadu Economy



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	<p>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;</p>	<p>Tamil Nadu Budget Tamil Nadu Agricultural Budget Tamil Nadu Economy - AU</p>
	<p>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;</p>	<p>Geography of Tamil Nadu – TNOU Department of Forest and Environment</p>
TEST 16.	<p>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;</p>	<p>School + Higher Education Department – Policy Note</p>
	<p>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;</p>	<p>Geography of Tamil Nadu – TNOU</p>
TEST 17.	<p>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</p>	<p>Census 2011 SPC – Report – Human Development Ministry of Health and Family Welfare Child Labour Polices</p>
	<p>Environment: Environmental issues in Tamil Nadu – pollution - air, water, soil, thermal, radioactive, noise; Natural resource types – renewable and non-renewable 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.</p>	<p>TNEA Shankar – Environment Book 12th Bio-Botany</p>
TEST 18	<p>Women Empowerment: Domestic violence – Dowry problems – Sexual assault – Laws and awareness programmes - Women welfare schemes - Self Help</p>	<p>Women Empowerment – TNOU Ministry of Women and Children Welfare</p>



	<p>Groups; Marginalised Groups: Problems – Scheduled Castes and Scheduled Tribes - Elderly – People with disability – Transgender – Religious minorities – State Government welfare programmes to marginalised groups;</p> <p>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;</p>	<p>Department of Social Welfare and Women Empowerment</p> <p>TNSCERT – 11th Geography TNSCERT – 12th Bio-Zoology Chapter 10 Organisms and Populations Chapter 11 Biodiversity and its Conservation Chapter 12 Environmental Issues TNSCERT – 12th Bio-Botany Chapter 6 Principles of Ecology Chapter 7 Ecosystem Chapter 8 Environmental Issues National Disaster Management Authority TN State Disaster Management Authority www.cckpindia.nic.in</p>
<p>TEST 20.</p>	<p>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 – Carbohydrates – Vitamins – Antibiotics; Applications of Geographic Information System (GIS)</p>	<p>TNSCERT – 12th Physics – Volume II Unit 9 Atomic and Nuclear physics Unit 10 Electronics and Communication Muni Publication TNSCERT – 12th Chemistry – Volume II Unit 9 Electro Chemistry Unit 14 Biomolecules Unit 15 Chemistry in Everyday Life TNSCERT – 12th Chemistry – Volume I Unit 13 Hydrocarbons TNSCERT – 11th Geography Unit 6 Geoinformatics RS + GIS - TNOU</p>



<p style="text-align: center;">TEST 21.</p>	<p>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;</p>	<p>TNSCERT – 12th Bio-Botany UNIT VIII: Biotechnology TNSCERT – 12th Bio-Zoology Chapter 9 Applications of Biotechnology Chapter 7 Human Health and Diseases Muni Publication</p>
<p style="text-align: center;">TEST 22.</p>	<p>Digital Computer Fundamentals: Hardware Components – Input / Output Devices; Memory types: RAM, ROM, PROM, EPROM, EEPROM; Secondary Storage Devices: HDD, SDD, CD Type – CPU: Control Unit - Arithmetic Logic Unit - Software types: System Software: OS – System Commands of Windows and Linux – Application Software: DBMS – Database Creation, Queries – Word Processor, Spreadsheet, Presentation Software – Communication Software: Browser, Email: Sending and receiving email, Document sharing and Folder Management – Computer Network: Classification of Networks - Topology – Multimedia and Applications: Image, Audio, Video File types – Network Security: User Authentication;</p>	<p>TNSCERT - 12th Std - Computer Application CHAPTER 01 Multimedia CHAPTER 03 Introduction to Database Management System CHAPTER 10 Introduction to Computer Networks CHAPTER 11 Network Examples and Protocols CHAPTER 12 Domain Name System (DNS) CHAPTER 13 Network Cabling CHAPTER 14 Open-Source Concepts CHAPTER 15 E-Commerce CHAPTER 16 Electronic Payment Systems CHAPTER 17 E-Commerce Security Systems TNSCERT - 12th Std - Computer Science Unit 11 Database Concepts TNSCERT - 11th Std - Computer Application UNIT I –FUNDAMENTALS OF COMPUTER UNIT III – WEB PAGE DEVELOPMENT USING HTML AND CSS UNIT V – COMPUTER ETHICS AND CYBER SECURITY TNSCERT - 11th Std - Computer Science UNIT I –FUNDAMENTALS OF COMPUTER UNIT V – COMPUTER ETHICS AND CYBER SECURITY TNSCERT - 11th Std - Computer Technology Unit 14 Computer Network Unit 15 Introduction to Internet and Email</p>

Decoded Syllabus will be given only for the admitted candidates.

All the Very Best !!!