



<b>DETAILS OF TEST SERIES</b>
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DAYS	EVERY MONDAY, WEDNESDAY AND FRIDAY STARTS ON 16 <sup>TH</sup> DECEMBER 24
TEST MODE	CBT – OFFLINE & ONLINE
TEST TIMING	SLOT 1 – 9.30 AM TO 12.30 AM SLOT 2 – 1.30 PM TO 4.30 PM SLOT 3 – 5.00 PM TO 8.00 PM
DISCUSSION TIMING	RECORDED VIDEO WILL BE PROVIDED
FEE - OFFLINE	Rs. 17,000/- (FOR OLD STUDENTS) Rs. 18,000/- (FOR NEW STUDENTS)
FEE – ONLINE	Rs. 15,000/- (FOR OLD STUDENTS) Rs. 16,000/- (FOR NEW STUDENTS)
VENUE	SIA, THIRUVARUR
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FOR FEEDBACK	zerofeedback@shankariasacad.in



# **Features of Test Series**

- + Total Number of Tests 22 + 8 Practice Tests
- + Live + Recorded Video of Detailed Discussion of Every Test
- All the explanation materials for all subjects will be given in Tamil and English.
- + All our tests are 300 marks tests only
- + Hard copy of Question paper will be provided at the time of test for offline students only.
- + No Soft-copy of Question paper will be provided for all.
- + Comprehensive Coverage of syllabus
- + Questions based on the recent TNPSC Trends
- Slot will be allocated From Slot 1 to Slot 3 based on First Come First serve
- Changes of slot will not be encouraged except unavoidable reasons



# **Important Note**

### For the following Queries / Issues

- Login ID details
- Recorded Videos
- Access to Telegram Channel
- > Regarding Questions, Explanations, Videos

Kindly Mail to: <a href="mailto:topscmains@shankariasacad.in">topscmains@shankariasacad.in</a>

**Details to be Mentioned in the E-Mail** 

1.Name

- 2. Mobile Number (Given during Admission)
- **3. SIA Unique ID**
- 4. Fee Receipt copy
- 5. Issues to be addressed

Will be addressed in 48 hours OR 2 working days



#### **TNPSC GROUP IIA – MAINS TEST SERIES 2024**

#### **PRACTICE TESTS (PT) – SAMACHEER BOOKS**

TEST NO	DATE		PORTION	QUESTIONS
PT 1.	HOME	TNSCERT - 6 <sup>TH</sup> Std + 7 <sup>th</sup> Std	SCIENCE + SOCIAL SCIENCE	200
PT 2.	HOME	TNSCERT - 8 <sup>th</sup> Std	SCIENCE	200
PT 3.	HOME	TNSCERT - 8 <sup>th</sup> Std	SOCIAL SCIENCE	200
PT 4.	HOME	TNSCERT - 9 <sup>th</sup> Std	SCIENCE	200
PT 5.	HOME	TNSCERT - 9 <sup>th</sup> Std	SOCIAL SCIENCE	200
PT 6.	HOME	TNSCERT - 10 <sup>th</sup> Std	SCIENCE	200
PT 7.	HOME	TNSCERT - 10 <sup>th</sup> Std	SOCIAL SCIENCE	200
PT 8.	HOME	TNSCERT – FULL TEST	6 <sup>TH</sup> TO 10 <sup>TH</sup> – SCIENCE + SOCIAL SCIENCE	200

TEST 1.	Dec 16	Part A - Unit I: Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	Advent of Europeans - the Portuguese, the Dutch, the English, the Danish and the French- Anglo French Rivalry - Anglo-Mysore War –		200
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		Part A - Unit II: Administration of States with reference to Tamil Nadu	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	65	
		Part B: General Intelligence and Reasoning	Duties, Directive Principles of State Policy; 1. Analogy 2. Classification	30	
		Part C: Language (General English)	<ol> <li>Match the following words and phrases given in Column A with their meanings in Column B.</li> <li>Select the correct word (Prefix, Suffix).</li> </ol>	40	_
		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	
TEST 2.	Dec 18	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	200
		Part B: General Intelligence and Reasoning	<ol> <li>Coding and decoding</li> <li>Relationship Concepts</li> </ol>	30	
		Part C: Language (General English)	<ol> <li>Choose the correct 'Synonym' for the underlined word from the options given.</li> <li>Choose the correct 'Antonym' for the underlined word from the options given</li> </ol>	40	
		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 – Swedeshi Movement - Moderates and Extremists in Tamil Nadu - Home Rule Agitation - Non-Cooperation Movement - Civil Disobedient Movement - Quit India Movement;	65	
TEST 3.	Dec 20	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	200
		Part B: General Intelligence and Reasoning	5. Puzzles 6. Dice	30	
		Part C: Language (General English)	<ol> <li>Fill in the blanks with suitable Article.</li> <li>Fill in the blanks with suitable Preposition.</li> </ol>	40	



		Part B: General Intelligence and Reasoning	<ol> <li>Alpha-numeric reasoning</li> <li>Arithmetical reasoning</li> </ol>	30	
TEST 5.	Dec 23	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;	65	200
		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	
		Intelligence and Reasoning Part C: Language (General English)	<ol> <li>8. Logical Venn diagrams</li> <li>7. Select the correct Question Tag.</li> <li>8. Select the correct Tense.</li> </ol>	30 40	
TEST 4.		Part A - Unit II: Administration of States with reference to Tamil Nadu Part B: General	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 7. Direction and Distance	65	200
		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, management principles and other principles laid	65	



		Part C: Language (General English)	<ul><li>9. Select the correct Voice.</li><li>10. Fill in the blanks (Infinitive, Gerund, Participle).</li></ul>	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	
TEST 6.	Dec 27	Full Test	<ul> <li>Part B: General Intelligence and Reasoning</li> <li>1. Analogy</li> <li>2. Classification</li> <li>3. Coding and decoding</li> <li>4. Relationship Concepts</li> <li>5. Puzzles</li> <li>6. Dice</li> <li>7. Direction and Distance</li> <li>8. Logical Venn diagrams</li> <li>9. Alpha-numeric reasoning</li> <li>10. Arithmetical reasoning</li> <li>Part C: Language (General English)</li> <li>1. Match the following words and phrases</li> </ul>	30	200
			<ul> <li>given in Column A with their meanings in Column B.</li> <li>2. Choose the correct 'Synonym' for the underlined word from the options given.</li> <li>3. Choose the correct 'Antonym' for the underlined word from the options given.</li> <li>4. Select the correct word (Prefix, Suffix).</li> <li>5. Fill in the blanks with suitable Article.</li> <li>6. Fill in the blanks with suitable Preposition.</li> <li>7. Select the correct Question Tag.</li> <li>8. Select the correct Tense.</li> <li>9. Select the correct Voice.</li> <li>10. Fill in the blanks (Infinitive, Gerund, Participle).</li> </ul>	40	
TEST 7.	Dec 30	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;	65	200
		Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and	Geography: Location – Administrative units – Relief features – Major Rivers; Climate: temperature, rainfall and monsoon; Soil: classification and distribution; Forests:	65	



		Disaster Management in Tamil Nadu Part B: General Intelligence and Reasoning	<ul> <li>classification, distribution, wildlife and birds sanctuaries, forest products; Livestock: cattle and dairying; Fishing: freshwater and saline water fishing;</li> <li>11. Verification of Truth of the Statement 12. Similarities and Differences</li> <li>11. Identify the sentence pattern of the</li> </ul>	30	
		Part C: Language (General English)	following sentence (Subject, Verb, Object). 12. Fill in the blanks with correct Homophones	40	
	Jan 01	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 8.		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)	<ul><li>13. Find out the Error (Articles, Preposition, Noun, Verb, Adjective, Adverb).</li><li>14. Select the correct sentence</li></ul>	40	
TEST 9.		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	
	Jan 03	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	65	200



		Part B: General	species and anthropogenic activities - climatic change and forest fire.		
		Intelligence and Reasoning	15. Inserting the missing characters 16. Logical reasoning	30	
		Part C: Language (General English)	<ul><li>15. Find out the odd words (Verb, Noun,</li><li>Adjective, Adverb).</li><li>16. Select the correct Plural forms.</li></ul>	40	
		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	
TEST 10.	Jan 06	Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	Causes and consequences of speciesextinction; 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;	65	200
		Part B: General Intelligence and Reasoning	17. Figural series 18. Numerical Operations	30	
		Part C: Language (General English)	<ul><li>17. Identify the sentence (Simple, Compound, Complex Sentence).</li><li>18. Identify the correct Degree</li></ul>	40	
			Part A - Unit IV: Tamil Nadu Economy and Social Issues in Tamil Nadun	65	
TEST 11.	Jan 08	Full Test	Part A - Unit V: Geography of Tamil Nadu, Environment, Biodiversity and Disaster Management in Tamil Nadu	65	200
			Part B: General Intelligence and Reasoning 11. Verification of Truth of the Statement	30	



			12. Similarities and Differences		
			13. Calendar		
			14. Permutation Combination		
			15. Inserting the missing characters		
			16. Logical reasoning		
			17. Figural series		
			18. Numerical Operations		
			Part C: Language (General English)		
			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.	40	
			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		
			Atomic and Nuclear Physics – Applications of		
			nuclear energy - Electronics and Communication		
		Part A - Unit III:	- Robotics and applications; Nanotechnology and		
		Science and	its applications; Electrochemical cells – Batteries	<b>6-</b>	
		Technology in	– Gaseous fuels – LPG – Polymers –	65	
		Development	Carbohydrates – Vitamins – Antibiotics;		
			Applications of Geographic Information System		
TEST 12.	Jan 10		(GIS)		200
		Current Affairs	July 2024 + August 2024	65	
		Part B: General			
		Intelligence and	19. Symbolic operations	30	
		Reasoning	20. Word building		
		Part C: Language	19. Form a new word by blending the words.		
		(General English)	, Ŭ	40	
			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 -		
		Part A - Unit III:	Biotechnological methods for crop improvement		
TECT 40	1 10	Science and	- Application of plant tissue culture in forestry	65	200
TEST 13.	Jan 13	Technology in	and horticulture - DNA fingerprinting –	65	200
		Development	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;		
		Current Affairs	September 2024 +October 2024	65	
		Part B: General Intelligence and Reasoning	<ul><li>21. Statement and Conclusion</li><li>22. Address matching</li><li>23. Mirror images</li><li>24. Embedded figures</li></ul>	30	
		Part C: Language (General English)	20. Form compound words (eg.: Noun+Verb, Gerund+Noun).	40	
TEST 14.	. Jan 15	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	200
		Current Affairs	November 2024 + December 2024	65	
		Part B: General Intelligence and Reasoning	<ul><li>25. Visual reasoning</li><li>26. Figural classification</li><li>27. Square completion.</li></ul>	30	
		Part C: Language (General English)	21. British English – American English	40	
			Part A - Unit III: Science and Technology in Development	65	
			Current Affairs – August 2024 to January 2025 Part B: General Intelligence and Reasoning 19. Symbolic operations	65	
TEST 15.	Jan 17		<ul> <li>20. Word building</li> <li>21. Statement and Conclusion</li> <li>22. Address matching</li> <li>23. Mirror images</li> <li>24. Embedded figures</li> <li>25. Visual reasoning</li> <li>26. Figural classification</li> <li>27. Square completion.</li> <li>Part C: Language (General English)</li> </ul>	30	200
			<ul><li>19. Form a new word by blending the words.</li><li>20. Form compound words (eg.: Noun+Verb, Gerund+Noun).</li></ul>	40	



		<ul><li>21. British English – American English.</li><li>22. General Comprehension</li></ul>	
TEST 16.	Jan 19	Part C: Language – General Tamil – Full Test 1	200
TEST 17.	Jan 21	Part B: General Intelligence and Reasoning – Full Test 1	200
TEST 18.	Jan 23	Part C: Language – General Tamil – Full Test 2	150
TEST 19.	Jan 26 (Online)	Part B: General Intelligence and Reasoning – Full Test 2	150
TEST 20.	Jan 28	Mock Test 1 – Paper 2 (CBT - Objective)	100 + 40 + 60
TEST 21.	Jan 30	State Mock Test – Paper 1 (Tamil Eligibility Test - Descriptive)	100 Marks
TEST 22.	Jan 31	State Mock Test - Paper 2 (CBT - Objective)	100 + 40 + 60

# Where to Study Plan

Test No	Portion	Where to Study
TEST 1.	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 - 11 <sup>th</sup> 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 -	TNSCERT – 12 <sup>TH</sup> Std – Political Science Unit 1 Constitution of India Indian Polity - Laxmikant



	Fundamental Rights, Fundamental Duties, Directive Principles of State Policy;	
TEST 2.	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; Union Government: President, Vice-President, Prime Minister and Council of Ministers – Parliament (Lok Sabha and Rajya Sabha);	TNSCERT - 11 <sup>th</sup> Std – History Unit 19 Towards Modernity Contemporary History of Tamil Nadu – G.Venkatesan Modern India - Spectrum TNSCERT – 12 <sup>TH</sup> Std – Political Science Unit 2 Legislature Unit 3 Executive Indian Polity - Laxmikant
	Emergence of Freedom Struggle in Tamil Nadu - Madras Native Association - Madras Mahajana Sabha - Indian National Movement – Swedeshi 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
TEST 3.	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 – 12 <sup>TH</sup> Std – Political Science Unit 2 Legislature Unit 3 Executive TNSCERT – 11 <sup>TH</sup> 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 4.	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	TNSCERT – 12 <sup>TH</sup> 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 5.	Administrative OfficerContribution of Tamilians in Freedom movement:Literary personalities – Journalists – Womenactivists – Types of struggles – revolutionary songs;	Contemporary History of Tamil Nadu – G.Venkatesan



	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. 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;	<ul> <li>TNeGA</li> <li>Department of Information Technology</li> <li>Policy Notes of all departments of Tamil Nadu</li> <li>Organizations of respective welfare departments</li> </ul>
TEST 7.	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;	<b>TNSCERT – 12<sup>th</sup> Std – Economics</b> Chapter 10 Rural Economy Chapter 11 Tamil Nadu Economy Tamil Nadu Budget Tamil Nadu Agricultural Budget Tamil Nadu Economy - AU
	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;	Geography of Tamil Nadu – TNOU Department of Forest and Environment
TEST 8.	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;	School + Higher Education Department – Policy Note
	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	Geography of Tamil Nadu – TNOU



	industries; Transport: road, railway, air and sea	
TEST 9.	transport; 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	Census 2011 SPC – Report – Human Development Ministry of Health and Family Welfare Child Labour Polices
	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.	TNEA Shankar – Environment Book 12 <sup>th</sup> Bio-Botany
	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;	Women Empowerment – TNOU Ministry of Women and Children Welfare Department of Social Welfare and Women Empowerment
TEST 10.	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	TNSCERT – 11 <sup>th</sup> Geography TNSCERT – 12 <sup>th</sup> Bio-Zoology Chapter 10 Organisms and Populations Chapter 11 Biodiversity and its Conservation Chapter 12 Environmental Issues TNSCERT – 12 <sup>th</sup> 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



	organisation in disaster management and mitigation	
	in Tamil Nadu;	
TEST 12.	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)	TNSCERT – 12 <sup>th</sup> Physics – Volume II Unit 9 Atomic and Nuclear physics Unit 10 Electronics and Communication Muni Publication TNSCERT – 12 <sup>th</sup> Chemistry – Volume II Unit 9 Electro Chemistry Unit 14 Biomolecules Unit 15 Chemistry in Everyday Life TNSCERT – 12 <sup>th</sup> Chemistry – Volume I Unit 13 Hydrocarbons TNSCERT – 11 <sup>th</sup> Geography Unit 6 Geoinformatics RS + GIS - TNOU
TEST 13.	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;	<b>TNSCERT – 12<sup>th</sup> Bio-Botany</b> UNIT VIII: Biotechnology <b>TNSCERT – 12<sup>th</sup> Bio-Zoology</b> Chapter 9 Applications of Biotechnology Chapter 7 Human Health and Diseases Muni Publication



<ul> <li>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;</li> </ul>	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 <b>TNSCERT - 12th Std - Computer Science</b> Unit 11 Database Concepts <b>TNSCERT - 11th Std - Computer Application</b> UNIT I –FUNDAMENTALS OF COMPUTER UNIT III – WEB PAGE DEVELOPMENT USING HTML AND CSS
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Decoded Syllabus will be given only for the admitted candidates.

# All the Very Best !!!