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TNPSC

— Gr II A Main — Test Series

Batch III

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Tests

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DETAILS OF TEST SERIES

DAYS	EVERY SUNDAY, TUESDAY AND THURSDAY
TEST MODE	CBT – OFFLINE & ONLINE
TEST TIMING	SLOT 1 – 02.00 PM TO 05.00 PM SLOT 2 – 10.30 AM TO 01.30 PM SLOT 3 – 07.00 AM TO 10.00 AM
DISCUSSION TIMING	5.30 PM to 08.00 PM
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	ANNA NAGAR, CHENNAI
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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: [tnpscMains@shankariasacad.in](mailto:tnpSCmains@shankariasacad.in)

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 TH Std + 7 th Std	SCIENCE + SOCIAL SCIENCE	200
PT 2.	HOME	TNSCERT - 8 th Std	SCIENCE	200
PT 3.	HOME	TNSCERT - 8 th Std	SOCIAL SCIENCE	200
PT 4.	HOME	TNSCERT - 9 th Std	SCIENCE	200
PT 5.	HOME	TNSCERT - 9 th Std	SOCIAL SCIENCE	200
PT 6.	HOME	TNSCERT - 10 th Std	SCIENCE	200
PT 7.	HOME	TNSCERT - 10 th Std	SOCIAL SCIENCE	200
PT 8.	HOME	TNSCERT – FULL TEST	6 TH TO 10 TH – SCIENCE + SOCIAL SCIENCE	200

TEST 1.	Dec 15	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 –	65	200
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			Anglo-Maratha War - The Polligar rebellion – Vellore Mutiny;		
		Part A - Unit II: Administration of States with reference to Tamil Nadu	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	
		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 2.	Dec 17	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 3.	Dec 19	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 4.	Dec 22	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 down in Thirukkural;	65	200
		Part A - Unit II: Administration of States with reference to Tamil Nadu	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 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	
TEST 5.	Dec 24	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	200
		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	
		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	
TEST 6.	Dec 26	Full Test	Unit I: Modern History of Tamil Nadu, Tamil Society – Culture and Heritage	65	200
			Unit II: Administration of States with reference to Tamil Nadu	65	
			Part B: General Intelligence and Reasoning 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	30	
			Part C: Language (General English) 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 7.	Dec 29	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	classification, distribution, wildlife and birds sanctuaries, forest products; Livestock: cattle and dairying; Fishing: freshwater and saline water fishing;		
		Part B: General Intelligence and Reasoning	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...). 12. Fill in the blanks with correct Homophones	40	
TEST 8.	Dec 31	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	200
		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	
		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	
TEST 9.	Jan 02	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	200
		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	



			species and anthropogenic activities - climatic change and forest fire.		
		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 10.	Jan 05	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	200
		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;	65	
		Part B: General Intelligence and Reasoning	17. Figural series 18. Numerical Operations	30	
		Part C: Language (General English)	17. Identify the sentence (Simple, Compound, Complex Sentence). 18. Identify the correct Degree	40	
TEST 11.	Jan 07	Full Test	Part A - Unit IV: Tamil Nadu Economy and Social Issues in Tamil Nadu	65	200
			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	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. 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	40	
TEST 12.	Jan 09	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	200
		Current Affairs	July 2024 + August 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 13.	Jan 12	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	65	200



			humans; Contribution of the scientists from Tamil Nadu;		
		Current Affairs	September 2024 +October 2024	65	
		Part B: General Intelligence and Reasoning	21. Statement and Conclusion 22. Address matching 23. Mirror images 24. Embedded figures	30	
		Part C: Language (General English)	20. Form compound words (eg.: Noun+Verb, Gerund+Noun).	40	
TEST 14.	Jan 14	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	25. Visual reasoning 26. Figural classification 27. Square completion.	30	
		Part C: Language (General English)	21. British English – American English	40	
TEST 15.	Jan 16	Part A - Unit III: Science and Technology in Development	Part A - Unit III: Science and Technology in Development	65	200
			Current Affairs – August 2024 to January 2025	65	
		Part B: General Intelligence and Reasoning	Part B: General Intelligence and Reasoning	30	
			19. Symbolic operations 20. Word building 21. Statement and Conclusion 22. Address matching 23. Mirror images 24. Embedded figures 25. Visual reasoning 26. Figural classification 27. Square completion.	40	
		Part C: Language (General English)	Part C: Language (General English)	40	
			19. Form a new word by blending the words. 20. Form compound words (eg.: Noun+Verb, Gerund+Noun).		



			21. British English – American English. 22. General Comprehension	
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 - 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 -	TNSCERT – 12TH 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;	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 3.	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 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 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 5.	Contribution of Tamilians in Freedom movement: Literary personalities – Journalists – Women activists – Types of struggles – revolutionary songs;	Contemporary History of Tamil Nadu – G.Venkatesan



	<p>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.</p>	
	<p>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;</p>	<ul style="list-style-type: none"> — TNeGA — Department of Information Technology — Policy Notes of all departments of Tamil Nadu — Organizations of respective welfare departments
TEST 7.	<p>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;</p>	<p>TNSCERT – 12th Std – Economics Chapter 10 Rural Economy Chapter 11 Tamil Nadu Economy 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 8.	<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</p>	<p>Geography of Tamil Nadu – TNOU</p>



	industries; Transport: road, railway, air and sea transport;	
TEST 9.	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 th Bio-Botany
TEST 10.	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
	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	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



	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 – 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
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;	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>TEST 14.</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>
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Decoded Syllabus will be given only for the admitted candidates.

All the Very Best !!!