

APPOLO

STUDY CENTRE

-SCHOOL OF COMPETITIVE EXAMS

TNPSC GROUP-1 PRELIM PATTERN & SYLLABUS

TNPSC - GROUP I	
STAGE – I - PRELIMINARY EXAMINATION [OBJECTIVE TYPE]	
GENERAL STUDIES	150 Questions (225 Marks)
APTITUDE & MENTAL ABILITY	50 Questions (75 Marks)
TOTAL	200 Questions 300 Marks

SCIENCE	GROUP – I	GROUP II
PHYSICS	Approximately 6 – 8 Questions	Approximately 3- 5 Questions
CHEMISTRY	Approximately 9 – 12 Questions	Approximately 3 – 5 Questions
BOTANY	Approximately 5 – 7 Questions	Approximately 3 – 5 Questions
ZOOLOGY	Approximately 8 – 12 Questions	Approximately 4 – 7 Questions
GENERAL KNOWLEDGE & CURRENT EVENTS	Approximately 30-35 Questions	Approximately 15-18 Questions

ANCIENT INDIA	Approximately 7 – 9 Questions	Approximately 2-4 Questions
MEDIEVAL INDIA	Approximately 2-4 Questions	Approximately 3-5 Questions

MODERN INDIA	Approximately 10-12 Questions	Approximately 8-10 Questions
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INDIAN POLITY	GROUP – I	GROUP II
	Approximately 20-22 Questions	Approximately 7 – 9 Questions

ECONOMY	GROUP – I	GROUP II
	Approximately 13- 15 Questions	Approximately 7 – 9 Questions

TAMILNADU G.K	GROUP – I	GROUP II
	Approximately 8 - 10Questions	Approximately 3 - 5Questions

UNIT – I GENERAL SCIENCE

ஓ mwptpay; **(Science)** பாடப்பிரிவினில் முக்கிய கலைச்சொற்கள் (Terms) மற்றும் கருத்தாக்கம் (Concept) ஆகியவைகளை மனதில் நன்கு பதிய வைத்து கொள்ளுவது அவசியமாகும்.

SYLLABUS

PHYSICS	CHEMISTRY
Universe - General Scientific laws - Scientific instruments - Inventions and discoveries-National scientific laboratories-Science glossary-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy-electricity and Magnetism - electronics & communications - Heat, light and sound-Atomic and nuclear physics-Solid State Physics-Spectroscopy - Geophysics - Astronomy and space science.	Elements and Compound - Acids, bases and salts - Oxidation and reduction - Chemistry of ores and metals -Carbon, nitrogen and their compounds - Fertilizers, pesticides, insecticides-Biochemistry and biotechnology-Electrochemistry- Polymers and plastics
BOTANY	ZOOLOGY
Main Concepts of life science- The cell- basic unit of life- Classification of living organism-Nutrition and	Blood and blood circulation- Endocrine system-Reproductive system-Genetics the science of

dietetics- Respiration - Excretion of metabolic waste- Bio-communication	heredity-Environment, ecology, health and hygiene, Bio- diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non-communicable diseases-Alcoholism and drug abuse-Animals, plants and human life
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UNIT – II CURRENT EVENTS

ஔ nghJ mwpT kw;Wk; elg;G epfo;r;rpfis **(G.K and Current events)**
பாடங்களில், முக்கிய தினங்கள், ஆண்டு, விருதுகள், முக்கிய நபர்கள், செய்திகளில் பேசப்பட்ட இடங்கள், திட்டங்கள் ஆகியவை குறித்த விழிப்புணர்வு அவசியமாகும்.

HISTORY	POLITICALSCIENCE
Latest diary of events - National - National symbols- Profile of States-Defence, national security and terrorism- World organizations- pacts and summits- Eminent persons & places in news- Sports & games- Books & authors -Awards & honours- Cultural panorama- Latest historical events - India and its neighbours - Latest terminology- Appointments-who is who?	India's foreign policy - Latest court verdicts - public opinion- Problems in conduct of public elections- Political parties and political system in India- Public awareness & General administration- Role of Voluntary organizations & Govt.,- Welfare oriented govt. schemes, their utility
GEOGRAPHY	ECONOMICS
Geographical landmarks- Policy on environment and ecology	Current socio-economic problems- New economic policy & govt. sector
SCIENCE	
Latest inventions on science & technology - Latest discoveries in Health Science - Mass media & communication	

UNIT III – GEOGRAPHY

ஔ Gtpapay; **(Geography)** பாடத்தை பொருத்தவரை மலைத்தொடர்கள், ஆறுகள், காலநிலை, உலோகத் தாதுக்கள் கிடைக்கும் இடங்கள், காடுகள், நீர்த்தேக்கங்கள் இவை தொடர்பான குறிப்புகளை படித்துக்கொள்ள வேண்டும்.

SYLLABUS

Earth and Universe - Solar system - Atmosphere hydrosphere, lithosphere - Monsoon, rainfall, weather and climate - Water resources - rivers in India - Soil, minerals & natural resources - Natural vegetation - Forest & wildlife - Agricultural pattern, livestock & fisheries - Transport & communication - Social geography - population - density and distribution - Natural calamities - disaster management - Climate change - impact and consequences - mitigation measures - Pollution Control

UNIT IV - HISTORY AND CULTURE OF INDIA & UNIT VII - INDIAN NATIONAL MOVEMENT

தமிழ்நாடு (History) பாடப்பிரிவினை பொருத்தவரை முக்கிய நிகழ்வுகளின் நாள் மற்றும் வருடம் ஆகியவற்றை தனியே குறிப்பெடுத்துக் கொண்டு நினைவுப்படுத்திக் கொள்ள வேண்டும்.

SYLLABUS

UNIT - IV HISTORY AND CULTURE OF INDIA Pre- historic events - Indus valley civilization - Vedic, Aryan and Sangam age - Maurya dynasty - Buddhism and Jainism - Guptas, Delhi Sultans, Mughals and Marathas - Age of Vijayanagaram and the bahmanis - South Indian history - Culture and Heritage of Tamil people - Advent of European invasion - Expansion and consolidation of British rule - Effect of British rule on socioeconomic factors - Social reforms and religious movements - India since independence - Characteristics of Indian culture - Unity in diversity - race, colour, language, custom - India as secular state - Organizations for fine arts, dance, drama, music - Growth of rationalist, Dravidian movement in TN - Political parties and populist schemes - Prominent personalities in the various spheres - Arts, Science, literature and Philosophy - Mother Teresa, Swami Vivekananda, Pandit Ravishankar, M.S. Subbulakshmi, Rukmani Arundel and J. Krishnamoorthy etc.

UNIT - VII INDIAN NATIONAL MOVEMENT National renaissance - Early uprising against British rule - 1857 Revolt - Indian National Congress - Emergence of national leaders - Gandhi, Nehru, Tagore, Netaji - Growth of militant movements - Different modes of agitations - Era of different Acts & Pacts - World war & final phase struggle - Communalism led to partition - Role of Tamil Nadu in freedom struggle - Rajaji, VOC, Periyar, Bharathiar & Others - Birth of political parties / political system in India since independence

UNIT VI – INDIAN ECONOMY

ഔ nghUshjhu ghlg;gphptpy; திட்ட காலங்கள் மற்றும் அத்திட்டத்திற்கான மையக்கரு, நலத்திட்டங்கள், அவை நடைமுறைப்படுத்தப்பட்ட ஆண்டு மற்றும் அத்திட்டங்கள் யாருடைய ஆட்சிக்காலத்தில் நிறைவேற்றப்பட்டது என்பதையும், முக்கியப்பொருளாதார கோட்பாடுகளையும் நினைவில் வைத்தக்கொள்ள வேண்டியது அவசியமாகும்.

SYLLABUS

Nature of Indian economy - Five-year plan models and assessment - Land reforms & agriculture - Application of science in agriculture - Industrial growth - Capital formation and investment - Role of public sector & disinvestment - Development of infrastructure - National income - Public finance & fiscal policy - Price policy & public distribution - Banking, money & monetary policy - Role of Foreign Direct Investment (FDI) - WTO - globalization & privatization - Rural welfare oriented programmes - Social sector problems – population, education, health, employment, poverty - HRD – sustainable economic growth - Economic trends in Tamil Nadu - Energy Different sources and development - Finance Commission - Planning Commission - National Development Council

UNIT VIII - MENTAL ABILITY & APTITUDE TESTS

ഔ mwpT\$;ik kw;Wk; jpwdwpTj; njhlh;ghd (**Mental ability**) பாடங்களில் அறிவுகூர்மை தொடர்பான சூத்திரங்கள் (Formulas) மற்றும் முறைகளை (Methods) ஆகியவைகளை நன்கு நினைவில் நிறுத்திக் கொள்ள வேண்டும்.

SYLLABUS

Conversion of information to data - Collection, compilation and presentation of data - Tables, graphs, diagrams - Parametric representation of data - Analytical interpretation of data - Simplification - Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM) - Ratio and Proportion - Simple interest - Compound interest - Area - Volume - Time and Work - Behavioral ability - Basic terms, Communications in information technology - Application of Information and Communication Technology (ICT) - Decision making and problem solving.

Logical Reasoning Puzzles - Dice - Visual Reasoning - Alpha numeric Reasoning - Number Series - Logical Number/Alphabetical/Diagrammatic Sequences.

ഔ jkpo;ehL gw;wpa nghJ mwpT (**Tamil Nadu General Knowledge**)

கேள்விகளும் கேட்கப்படுகின்றன. உதாரணமாக ஆட்சியாளர்கள், ஆண்டு, திட்டங்கள்

செயல்படுத்திய ஆண்டு, தொழிற்சாலைகள் துவங்கப்பட்ட ஆண்டு, பல்கலைக்கழகம், மாவட்டங்கள் தொடர்பான செய்திகள் ஆகியவற்றை படித்துக்கொள்ள வேண்டும்.

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