

# **APPOLO STUDY CENTRE**

## **TAMIL NADU PUBLIC SERVICE COMMISSION**

### **COMBINED CIVIL SERVICES EXAMINATION- I** **(GROUP I)**

#### **POSTS:**

- ☞ Deputy collector
- ☞ Deputy Superintendent of Police
- ☞ District Employment Officer,
- ☞ Commercial Tax Officer,
- ☞ Deputy Registrar Co-operative society,
- ☞ Assistant Director of Rural Development Department ,
- ☞ Divisional Officer of Rural Development Department.

#### **EDUCATIONAL QUALIFICATION :**

- Candidates should possess a Degree of any of the recognized Universities.

#### **SCHEME OF THE EXAMINATION:**

- ☞ **STAGE - I - PRELIMINARY EXAM**
- ☞ **STAGE - II - MAIN EXAMINATION**
- ☞ **STAGE - III - INTERVIEW**

#### **STAGE - I - PRELIMINARY EXAMINATION**

- **OBJECTIVE TYPE - DEGREE LEVEL**

<b>General Studies</b>	<b>150 Questions (225 Marks)</b>
<b>Aptitude &amp; Mental Ability</b>	<b>50 Questions (75 Marks)</b>
<b>TOTAL</b>	<b>200 Questions 300 Marks</b>

## **STAGE – II - MAIN EXAM**

- **DESCRIPTIVE TYPE – DEGREE STANDARD**

<b>S.NO</b>	<b>PAPER</b>	<b>MARKS</b>
<b>1.</b>	<b>PAPER – I</b>	<b>300</b>
<b>2.</b>	<b>PAPER – II</b>	<b>300</b>
<b>3.</b>	<b>PAPER – III</b>	<b>300</b>
	<b>TOTAL</b>	<b>900</b>

## **STAGE – III - INTERVIEW**

**120 MARKS**

<b>☞</b>	<b>TOTAL MARKS FOR GROUP I EXAMINATION</b>	<b>1020</b>
<b>MARKS</b>		

## **STUDIES TOPICS**

- The paper on general studies will include questions covering following fields of Knowledge.

<ul style="list-style-type: none"><li>• <b>GENERAL SCIENCE</b><ul style="list-style-type: none"><li>➤ <b>PHYSICS</b></li><li>➤ <b>CHEMISTRY</b></li><li>➤ <b>BIOLOGY</b></li><li>➤ <b>ZOOLOGY</b></li></ul></li></ul>	<ul style="list-style-type: none"><li>• <b>CURRENT EVENTS</b><ul style="list-style-type: none"><li>➤ <b>HISTORY</b></li><li>➤ <b>POLITICAL SCIENCE</b></li><li>➤ <b>ECONOMY</b></li><li>➤ <b>GEOGRAPHY</b></li><li>➤ <b>SCIENCE &amp; TECHNOLOGY</b></li></ul></li></ul>
<ul style="list-style-type: none"><li>• <b>GEOGRAPHY</b></li></ul>	<ul style="list-style-type: none"><li>• <b>HISTORY &amp; CULTURE OF INDIA</b></li></ul>
<ul style="list-style-type: none"><li>• <b>INDIAN POLITY</b></li></ul>	<ul style="list-style-type: none"><li>• <b>INDIAN ECONOMY</b></li></ul>
<ul style="list-style-type: none"><li>• <b>INDIAN NATIONAL MOVEMENT</b></li></ul>	<ul style="list-style-type: none"><li>• <b>MENTAL ABILITY &amp; LOGICAL REASONING</b></li></ul>

## **COURSE CONTENT FOR PRELIMINARY EXAM**

### **UNIT - I - GENERAL SCIENCE:**

#### **PHYSICS**

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

## **CHEMISTRY**

Elements and Compounds-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**

Main Concepts of life science-The cell-basic unit of life-Classification of living organism-Nutrition and dietetics-Respiration-Excretion of metabolic waste-Biocommunication

## **ZOOLOGY**

Blood and blood circulation-Endocrine system-Reproductive system-Genetics the science of 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

## **UNIT - II - CURRENT EVENTS**

### **HISTORY**

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?

### **POLITICAL SCIENCE**

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**

Geographical landmarks-Policy on environment and ecology

### **ECONOMICS**

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**

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**

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 - V -- INDIAN POLITY**

Constitution of India - Preamble to the constitution - Salient features of constitution - Union, State and territory - Citizenship-rights amend duties - Fundamental rights - Fundamental duties - Human rights charter - Union legislature - Parliament - State executive - State Legislature -assembly - Status of Jammu & Kashmir - Local government - panchayat raj - Tamil Nadu - Judiciary in India - Rule of law/Due process of law - Indian federalism - center - state relations - Emergency provisions - Civil services in India - Administrative challenges in a welfare state - Complexities of district administration - Elections - Election Commission Union and State - Official language and Schedule-VIII - Amendments to constitution - Schedules to constitution - Administrative reforms & tribunals- Corruption in public life - Anticorruption measures - Central Vigilance Commission, lok-adalats, Ombudsman, Comptroller and Auditor General of India. - Right to information - Central and State

Commission - Empowerment of women- Voluntary organizations and public grievances redressal - Consumer protection forms.

### **UNIT - VI -- INDIAN ECONOMY**

Nature of Indian economy - Five-year plan models an 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 - 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 - VIII - APTITUDE & MENTAL ABILITY TESTS**

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

# APPROACH TO TNPSC GENERAL STUDIES PAPER

தேர்வில் வெற்றிபெற சில முக்கிய குறிப்புகள்

- அறிவுகூர்மை மற்றும் திறனறிவுத் தொடர்பான (**Mental ability**) பாடங்களில் அறிவுகூர்மை தொடர்பான சூத்திரங்கள் (**Formulas**) மற்றும் முறைகளை (**Methods**) ஆகியவைகளை நன்கு நினைவில் நிறுத்திக் கொள்ள வேண்டும்.

MENTAL ABILITY & APTITUDE	GROUP – I	GROUP II
	50 Questions	25 Questions

**Recommended Books**

- ☞ APPOLO – Aptitude & Mental ability (Volume I – IV)
- ☞ Quantitative Aptitude and Reasoning R.S. Agarwal
- ☞ 9, 10<sup>th</sup> Standard (Samacheer) - புள்ளியியல் பாடம் மட்டும்
- ☞ XI state board books - Statistics.

- அரசியல் அறிவியல் (**Polity**) பாடத்தினை பொருத்தவரை முக்கியமான சரத்துக்கள், சட்டத்திருத்தங்கள் மற்றும் பகுதிகள் (**Parts**) ஆகியவற்றை நினைவுகூர்வது அவசியமாகும்.

INDIAN POLITY	GROUP – I	GROUP II
	Approximately 20-22 Questions	Approximately 7 – 9 Questions

**Recommended Books**

- ☞ XI & XII – Political Science
- ☞ Indian polity - Lakshmikanth
- ☞ APPOLO – GS Material

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

History	GROUP – I	GROUP II
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

**Recommended Books**

- ☞ VI – X SAMACHEER KALVI BOOKS –SOCIAL SCIENCE (சமூகவியல்).
- ☞ APPOLO – GS Material
- ☞ ARIHANT GENERAL KNOWLEDGE
- ☞ XI & XII STATE BOARD BOOKS - HISTORY.

- பொருளாதார பாடப்பிரிவில் (**Economics**) திட்ட காலங்கள் மற்றும் அத்திட்டத்திற்கான மையக்கரு, நலத்திட்டங்கள், அவை நடைமுறைப்படுத்தப்பட்ட ஆண்டு மற்றும் அத்திட்டங்கள் யாருடைய ஆட்சிக்காலத்தில் நிறைவேற்றப்பட்டது என்பதையும், முக்கியப்பொருளாதார கோட்பாடுகளையும் நினைவில் வைத்துக்கொள்ள வேண்டியது அவசியமாகும்.

ECONOMICS	GROUP - I	GROUP II
	Approximately 13- 15 Questions	Approximately 7 - 9 Questions

**Recommended Books**

- ☞ VI-X SAMACHEER KALVI BOOKS -SOCIAL SCIENCE (சமூகவியல்).
- ☞ XI & XII STATE BOARD BOOKS - ECONOMICS
- ☞ APPOLO - GS Material
- ☞ ARIHANT GENERAL KNOWLEDGE

- அறிவியல் (**Science**) பாடப்பிரிவினில் முக்கிய கலைச்சொற்கள் (**Terms**) மற்றும் கருத்தாக்கம் (**Concept**) ஆகியவைகளை மனதில் நன்கு பதிந்துகொள்வது அவசியமாகும்.

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

**Recommended Books**

- ☞ VI - X SAMACHEER KALVI BOOKS -SCIENCE (அறிவியல்).
- ☞ APPOLO - GS Material
- ☞ ARIHANT GENERAL KNOWLEDGE
- ☞ XI & XII STATE BOARD BOOKS - BOTANY, ZOOLOGY, PHYSICS, CHEMISTRY.

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

GEOGRAPHY	GROUP - I	GROUP II
	Approximately 13- 15 Questions	Approximately 7 - 9 Questions

**Recommended Books**

- ☞ VI-X SAMACHEER KALVI BOOKS-SOCIAL SCIENCE (சமூகவியல்).
- ☞ XI & XII STATE BOARD BOOKS - GEOGRAPHY
- ☞ APPOLO - GS Material
- ☞ ARIHANT GENERAL KNOWLEDGE

- பொது அறிவு மற்றும் நடப்பு நிகழ்ச்சிகளை (**G.K and Current events**) பாடங்களில், முக்கிய தினங்கள், ஆண்டு, விருதுகள், முக்கிய நபர்கள், செய்திகளில் பேசப்பட்ட இடங்கள். திட்டங்கள், ஆகியவை குறித்த விழிப்புணர்வு அவசியமாகும்.

<b>GENERAL KNOWLEDGE &amp; CURRENT EVENTS</b>	<b>GROUP - I</b>	<b>GROUP II</b>
	<b>Approximately 30-35 Questions</b>	<b>Approximately 15-18 Questions</b>
<b>Recommended Books</b>		
<p>☞ <b>India Year Book, Manorama Year Book</b> சம்பந்திய பதிப்பு</p> <p>☞ <b>APPOLO - GK Material</b></p> <p>☞ <b>Arihant General Knowledge</b></p> <p>☞ தினசரி வெளிவரும் செய்தித்தாள்கள் படிக்கவும்.</p> <p>☞ <b>Pothu Arivu Kalanjyam (பொதுஅறிவு களஞ்சியம்) Published by Vikatan Publications</b></p>		

- தமிழ்நாடு பற்றிய பொது அறிவு (**Tamil Nadu General Knowledge**) கேள்விகளும் கேட்கப்படுகின்றன. உதாரணமாக ஆட்சியாளர்கள், ஆண்டு, திட்டங்கள் செயல்படுத்திய ஆண்டு, தொழிற்சாலைகள் துவங்கப்பட்ட ஆண்டு, பல்கலைக்கழகம், மாவட்டங்கள் தொடர்பான செய்திகள் ஆகியவற்றை படித்துக்கொள்ள வேண்டும்.

<b>TAMILNADU G.K</b>	<b>GROUP - I</b>	<b>GROUP II</b>
	<b>Approximately 8 - 10 Questions</b>	<b>Approximately 3 - 5 Questions</b>
<b>Recommended Books</b>		
☞ <b>APPOLO - GS MATERIAL</b>		

## HOW TO APPROACH APTITUDE & MENTAL ABILITY TESTS

TNPSC Group - I = 50 Questions

TNPSC Group - II/ III/ IV/ VAO = 25 Questions

TOPIC & CONTENTS	REFERENCE BOOK
<b>Statistics:</b> Conversion of information to data-Collection, compilation and presentation of data Tables, graphs, diagrams.	10 <sup>th</sup> std. State board School Maths book, 11 <sup>th</sup> Statistics book & Appolo Aptitude Book Volume - IV)
<b>Quantitative Aptitude:</b> Analytical interpretation of data - Simplification -Percentage -HCF & LCM-Ratio and Proportion-Simple interest-Compound interest-Area-Volume-Time and Work.	<b>Quantitative Aptitude : R.S. Aggarwal &amp; Appolo Aptitude Book Volume - I)</b>
Basic terms, Communications in information technology - Application of Information and Communication Technology (ICT)	<b>Computer Science Book &amp; Appolo Aptitude Book Volume - II</b>
<b>Behavioural Ability, Decision Making and Problem Solving.</b>	<b>Verbal Reasoning: R.S. Aggarwal &amp; Appolo Aptitude Volume - III &amp; IV</b>
<b>Logical Reasoning</b> Puzzles-Dice-Visual Reasoning-Alpha numeric Reasoning-Number Series- Logical Number/Alphabetical/Diagrammatic Sequences.	<b>Verbal &amp; Non Verbal Reasoning: R.S. Aggarwal &amp; Appolo Aptitude Book: Volume - III &amp; IV)</b>



