## Tamil Nadu PSC AO Exam Pattern Pdf

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Papers</th>
<th>Subjects Names</th>
<th>No of Questions</th>
<th>Maximum Marks</th>
<th>Duration of Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>I</td>
<td>Agriculture Subjects</td>
<td>200</td>
<td>300</td>
<td>3 Hours</td>
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<tr>
<td>2.</td>
<td>II</td>
<td>General Studies</td>
<td>75</td>
<td>200</td>
<td>2 Hours</td>
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<td>3.</td>
<td>II</td>
<td>Aptitude &amp; Mental Ability</td>
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<td>200</td>
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<td>Interview &amp; Records</td>
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<td>Total</td>
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<td>570</td>
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**TNPSC Agriculture Officer Syllabus:**

**Agriculture Topics:**
- Agricultural development through NITI AYOG
- Production and productivity
- Growth pattern of crops in India and Tamil Nadu in terms of area
- Government Agricultural Policies
- Agricultural Development through five-year plans in India and Tamil Nadu

**Fundamentals of Crop Production:**
- Factors of Production
- Package of practices of different crops
- Climatic zones of Indian & Tamil Nadu and their features
- Minimal tillage
- Nanoparticles and their applications
- Weather forecasting
- Agricultural seasons of India and Tamil Nadu
- Cropping patterns in India and Tamil Nadu
Natural Resource Management:

- Soil structure
- Physical and Chemical properties
- Factors influencing soil structure
- Command area development
- Water use efficiency
- Quality of irrigation water
- Problem soils and their management
- Conservation of soil and water
- Soil fertility and productivity
- Dry farming
- Watershed and wasteland development
- Size and distribution of holdings

Crop Management & Allied Agricultural Activities:

- Cropping systems and integrated farming
- Recycling of agricultural waste
- Balanced usage
- Agricultural implements and Machinery and their usage
- Livestock and poultry rearing
- Integrated nutrient management
- Tractors & tillers

Crop Improvement:

- Principles of breeding
- Modern tools in crop improvement
- Application of biotechnology in agriculture
- Transgenic Plants
- Latest varieties of major crops in Tamil Nadu
- Variety release procedures

Importance of quality seeds in agriculture:

- Seed testing laboratories
- Seed village concept Seed Act
- Seed certification techniques and processing in Tamil Nadu
- Seed enhancement technologies
- STA standards for seed testing
Importance of pest:

- Farm Business and Finance Management
- Plant quarantine
- Pesticides and their use in IPM
- Plant protection equipment and their use
- Agricultural Marketing & Market Intelligence
- Agricultural Extension: Principles and Methods
- Principles of farm business management
- Symptoms of damages and control measures of pest
- Disease and nematodes of major crops in Tamil Nadu

General Studies:

- Dravidian movement in TN-Political parties and populist schemes
- Indian National Movement
- The emergence of national leaders
- The preamble to the constitution
- Salient features of the constitution
- Gandhi, Nehru, Tagore
- Communalism led to a partition
- Botany
- General Science
- Physics
- Heat, light, and sound
- Atomic and nuclear physics
- Chemistry
- Geography
- Social geography
- population
- Profile of States-Defence
- Expansion and consolidation of British rule
- Political Science
- Tamil NaduJudiciary in India
- Forest & wildlife
- Agricultural pattern
- Economics
- Excretion of metabolic waste
• Biocommunication
• Zoology
• Biodiversity and its conservation
• Land reforms & agriculture-Application of science in agriculture Industrial growth
• WTO-globalization & privatization
• Biochemistry and biotechnology
• Electrochemistry
• History and culture of India
• Nutrition and Dietetics
• Respiration
• Human diseases-
• Current Events
• Science
• History
• National symbols

Aptitude and Mental Ability:

• Decision making and problem-solving
• Logical Reasoning
• Puzzles
• Dice
• Time and Work
• Behavioral ability
• Basic terms
• Communications in information technology
• Logical Number/Alphabetical/Diagrammatic Sequences
• Percentage
• Conversion of information to data
• Collection, compilation, and presentation of data
• Tables, graphs, diagrams-Parametric representation of data
• Analytical interpretation of data
• Simplification
• Area
• Volume
• Highest Common Factor (HCF)
• Lowest Common Multiple (LCM)
• Application of Information and Communication Technology (ICT)
• Visual Reasoning
- Alphanumeric Reasoning
- Number Series
- Ratio and Proportion
- Simple interest & Compound interest