

भाग-3

उत्तर प्रदेश राज्य से संबंधित सामान्य जानकारी :-

प्रश्न पत्र के इस भाग से उम्मीदवारों से उत्तर प्रदेश का इतिहास, संस्कृति, कला, वास्तुकला, त्योहार, लोक नृत्य, साहित्य, क्षेत्रीय भाषाएँ, विरासत, रागाजिक रीति-रिवाज और पर्यटन, भौगोलिक परिदृश्य एवं पर्यावरण, प्राकृतिक संसाधन, जलवायु, मिट्टी, वन, वन्यजीव, खान और खनिज, अर्थव्यवस्था, कृषि, उद्योग, व्यवसाय और रोजगार, राजव्यवस्था एवं प्रशासन तथा समसामयिक घटनाओं एवं विभिन्न क्षेत्रों में उत्तर प्रदेश राज्य की उपलब्धियाँ आदि पर आधारित प्रश्न पूछे जायेंगे।

Written Examination Plan and syllabus for selection to the vacant Post of Sugarcane Supervisor

There will be one question paper in the written examination, which will contain 100 questions and the total time duration will be 02 hours. The questions of the examination will be objective and multiple choice type. Each question will be of one mark. There is a provision of negative marking for each wrong answer for the examination, which will be 25 percent i.e. $\frac{1}{4}$ of the marks prescribed for that question.

Examination Plan

The parts of examination, related subjects from which questions shall be asked in the exam, number of questions, total marks and time period will be as per the details given below-

Part	Subject	Number of Questions	Total Marks	Time Period
Part -1	i. Crop Science	25	25	Two Hours (120 Minutes)
	ii. Biotechnology, Plant breeding & Crop physiology	10	10	
	iii. Soil and Water Conservation	15	15	
	iv. Agriculture Extension	05	05	
	v. Agriculture Economics & Schemes	05	05	
	vi. Dairy & Animal Husbandry	05	05	
Part -2	Knowledge of concepts of Computer and Information Technology and contemporary technological development and innovation in this field	15	15	
Part -3	General information related to the state of Uttar Pradesh	20	20	
Total		100	100	

Note- There is a provision of negative marking for each wrong answer for the above examination, which will be $\frac{1}{4}$ i.e. 25 percent of marks prescribed for that question.

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Part -1

1. - Crop Science

- Classification of crops, major cereals, pulses, oilseeds, millets, fiber, cash crops, spices and fodder, fruits, flowers and vegetable crops grown in the State and major crops production techniques and agro practices.
- Post-harvest management of produce.
- Fruits and vegetables preservation and processing .
- Principles of crop rotation, cropping pattern and types of farming like dry farming, integrated farming, natural farming, mono cropping, multiple cropping, intercropping and types and importance of organic farming, it's socio-economic importance/use.
- Importance of Seed, types of seeds and its production methods.
- Method of Seed treatment and its importance.
- Basic principles, scope and importance of crop protection, name of major equipments and chemicals used in pest control, integrated pest management.
- Insect, pest and diseases of major crops and its management.
- Principles and Systems of produce storage, and factors affecting the quality of produce and storage & its management.

2. - Biotechnology, Plant breeding & Crop physiology

- Importance and utility of Biotechnology in agriculture.
- Principles, use and importance of Genetics & Plant Breeding.
- Photosynthesis, Respiration, Evaporation, Plant Anatomy and Metabolism.

3. - Soil and Water Conservation

- Properties and components of soil, process of soil formation, types of soil erosion and its conservation techniques.
- Essential nutrients found in soil, role and associated deficiency symptoms.
- Classification of fertilizers, its nutrient content and methods of application.
- Integrated nutrient management, types, importance and role of organic fertilizers/bio-fertilizers.
- Soil microbiology and its major role in crop production.
- Soil survey, methods of soil sampling and soil conservation techniques.
- Source, method and its importance of Irrigation.
- Basic concepts & methods of Drainage.
- Watershed Management.
- Types of pollution and environmental protection.

4. - Agriculture Extension

- Principles of agriculture extension and rural development
- Extension methodologies, audio-visual aids, classification and their importance.
- Training: objectives, importance and it's types
- Different programs and schemes of the Govt. of India and State Govt. run for the welfare of farmers and rural development.

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5. - **Agriculture Economics & Schemes**

- Role of agriculture in One trillion economy of U.P.
- Economic reforms in Agriculture sector.
- Concept of import and export of agriculture produce.
- Formulation of plans for Agriculture.
- Principles of Agricultural statistics.
- Principles and importance of agricultural economics.
- MSP of different crops.
- Agricultural Marketing.

6. - **Dairy & Animal Husbandry**

- Different Breeds of domestic animals & feed management.
- Objectives and methods of animal breeding.
- Milk production and its distribution.
- Basic knowledge of Poultry farming, Fish farming, Apiculture and Sericulture.
- Major diseases of domestic animals, diagnosis and their treatment.

Part-2

Knowledge of Concepts of Computer and Information Technology

and Contemporary Technological Development and Innovation in this field :-

- History, Introduction and Application of Computer, Information Technology, Internet and World Wide Web (WWW).
- General Knowledge related to:
 - I. Hardware and Software
 - II. Input and Output
 - III. Internet Protocol/IP Address
 - IV. IT gadgets and their application
 - V. Creation of e-mail ID and use/operation of e-mail
 - VI. Operation of Printer, Tablet and Mobile
 - VII. Important elements of Word Processing (MS-word) and Excel Processing (MS-Excel)
 - VIII. Operating System, Social Networking, e-Governance
- Digital Financial Tools and Applications
- Future Skills and Cyber Security
- Technological Development and Innovation in the field of Computer and Information Technology (Artificial Intelligence, Big Data Processing, Deep Learning, Machine Learning, Internet of Things) and India's achievements in this field etc.

Part- 3

General Information Related to The State of Uttar Pradesh :-

In this Part of the question paper, questions based on History, Culture, Art, Architecture, Festivals, Folk Dance, Literature, Regional Languages, Heritage, Social Customs and Tourism, Geographical Landscape and Environment, Natural Resources, Climate, Soil, Forest, Wildlife, Mines and Minerals, Economy, Agriculture, Industry, Business and Employment, Polity, Administration of Uttar Pradesh and Current Events and Achievements of Uttar Pradesh State in various fields etc. will be asked from the candidates.

10-लिखित परीक्षा के सम्बन्ध में विशेष नोट -

विज्ञापन संख्या-13-परीक्षा/2026, गन्ना पर्यवेक्षक मुख्य परीक्षा (प्रा0अ0प0-2025)/14 की लिखित परीक्षा हेतु अभ्यर्थियों की शार्टलिस्टिंग उनके प्रारम्भिक अर्हता परीक्षा-2025 के नार्मलाइज्ड स्कोर के आधार पर की जाएगी। प्रश्नगत विज्ञापन के अंतर्गत विज्ञापित पदों के सापेक्ष श्रेणीवार 15 गुना अभ्यर्थियों को [अंतिम कटऑफ अंक तक नार्मलाइज्ड स्कोर (दशमलव के 02 स्थान तक) धारित करने वाले समस्त अभ्यर्थियों को सम्मिलित करते हुए] लिखित परीक्षा हेतु शार्टलिस्ट किया जायेगा।

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