



# सुनिलस्मृती गाउँपालिका

## गाउँ कार्यपालिकाको कार्यालय

### सुलिचौर, सेल्पा



लुम्बिनी प्रदेश, नेपाल

कृषि स्नातक अधिकृत छुट्टै तहको पाठ्यक्रम

प्रथम चरण: लिखित परीक्षा

पत्र	विषय	खण्ड	प्रश्नको प्रकृति	प्रश्न संख्या	अंक भार	समय	पूर्णाङ्क	उत्तीर्णाङ्क
प्रथम	सेवा सम्बन्धी जानकारी	खण्ड (क)	वस्तुगत बहुवैकल्पिक (Multiple Choice)	१००	१००*२= २००	१ घण्टा ३० मिनेट	१००	४०

द्वितीय चरण: अन्तर्वार्ता (Interview)

विषय	पूर्णाङ्क	परीक्षा प्रणाली	समय
अन्तर्वार्ता	२०	मौखिक (Interview)	

खण्ड (क) सेवा सम्बन्धी जानकारी

- History and Current Status of Agriculture Sector in Nepal (10 marks)
  - History of agricultural research and development in Nepal
  - Overview of Nepalese agriculture: Current status and scope
  - Institutional arrangement of agricultural research, extension and education in Nepal
  - Agriculture Perspective Plan (APP) and its impact in Nepalese agriculture
  - Devolution of agriculture extension system and its impact in agricultural development
- Agriculture Research, Extension and Education (12 marks)
  - Role of agriculture research in contemporary agriculture
  - Nepal Agricultural Research Council (NARC) and its vision
  - Agricultural education systems in Nepal
  - Academic institutions such as AFU, PU, TU
  - Non-academic institutions (CTEVT) and its allied institutions
  - Major functions of agriculture research, extension and education in Nepal
  - Linkage and coordination among research, extension and teaching in Nepal
  - Public, private, NGOs, CBOs, agricultural co-operatives and farmer groups involvement in research, extension and education
  - Participatory technology development, participatory planning, monitoring, evaluation and feedback
- Natural Resource, Environment Conservation, Climate change and Disaster-Risk Management (20 marks)

“जनआकांक्षा पूरा गर्ने हाम्रो संकल्प: दिगो विकास र सुशासन मात्र विकल्प”

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लुम्बिनी प्रदेश, नेपाल

- Importance of natural resources conservation, utilization and management w. r. t. food security, employment generation and livelihood improvement in Nepal
  - Bio-diversity and agro-biodiversity: Conservation and utilization for sustainable agriculture development
  - Use of fertilizers and pesticides in agriculture and their implications to environment
  - Integrated pest, crop, and plant nutrient management systems (IPM, ICM, IPNM) and Good Agricultural Practices (GAP)
  - Environmental issues and sustainability of Nepalese agriculture
  - Organic agriculture, and organic products for export promotion and food safety
  - General climatic conditions of Nepal
  - Weather observation and instruments use in Nepal
  - Climate change and its impact in agriculture sector
  - Climate change adaptation and mitigation strategies of Nepal
  - Disaster ( landslide, drought, flood, cold spell, earthquake, pest outbreak) management in agriculture
  - Rapid urbanization and change in land use pattern and their consequences in food security, environment conservation, employment generation and youth migration
  - Crop insurance in Nepal: Current policies and status
4. Legislations, Plan, Policies, Strategies, and Global Trade in Agriculture (20 marks)
- Agriculture sector in current constitution
  - Concept, goals, target and strategies of current periodic plan
  - Planning, implementation, monitoring and evaluation of agricultural projects
  - Local governance and its role in agricultural development
  - National Agriculture Policy, 2061 (2004)
  - Agro-biodiversity Promotion Policy, 2063 (2007) (first amendment, 2071)
  - Agri-business Promotion Policy, 2063 (2006)
  - Agriculture Development Strategy (ADS), 2015-2035 AD: vision, mission, target, components and its salient features, implementation status of ADS, supporting projects and institutional arrangement
  - National Seed Vision, 2013- 2025 and its implementation status
  - Nepal Trade Integration Strategy (NTIS), 2016 – Agricultural commodities
  - Agricultural Extension Strategy, 2061 (2003)
  - Seeds Act, 2045 (1988) and Seeds Rules, 2069 (2013)
  - Plant Protection Act, 2064 (2007) and Plant Protection Rules, 2066 (2010)

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लुम्बिनी प्रदेश, नेपाल

- Pesticides management Act, 2076 (2019) and Regulation
  - Fertilizer Control Order, 2055
  - Food Right and Food Sovereignty Act, 2076 (2019)
  - Food Safety Policy, 2076 (2019)
  - World Trade Organization (WTO), Agreement on South Asian Free Trade Area (SAFTA): their implication and impact in Nepalese agriculture
  - Comparative advantage, agriculture commercialization and trading of Nepalese agricultural products.
  - Implication of Sanitary and Phytosanitary (SPS) measures in Nepalese agricultural trade
5. Agricultural Technology and Management (30 marks)
- Importance of technology generation, verification and dissemination in crop production and management
  - Seed quality assurance: Seed production, laboratory testing, processing, handling, marketing and storage
  - Variety release and registration system in Nepal
  - Food and nutrition security: Concepts, status and dimensions
  - Importance of pests and pesticides management
  - Integrated Pest Management (IPM) concepts and strategies/ practices
  - Roles of pollinators in crop production
  - Importance of microbial agents (fungus, bacteria, nematodes and virus) in plant protection
  - Importance of crop diversification and commercialization in Nepal
  - Precision and protected agriculture: Concepts and technologies
  - Agricultural crops for agro-forestry and environmental protection
  - Strategies for commercialization of high value low volume commodities
  - Concept of soil fertility and productivity
  - Essential plant nutrients and their sources (manures and fertilizers)
  - Soil reaction (pH) and soil reaction improvement
  - Concept of Integrated Plant Nutrient Systems (IPNS) and its significance
  - Contemporary agricultural extension practices in Nepal (plant clinic, mobile service, training and demonstration farm, farmer to farmer extension and pluralistic extension)
  - Role of information and communication technology (ICT) in agriculture development
  - Agricultural markets and marketing in Nepal
  - Agricultural Management Information System (AMIS) in Nepal

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- Agriculture Census, 2068
  - Linkage of agro-industries with agriculture production and marketing
  - Role of cooperatives in agriculture development in Nepal
  - Research methodology in agriculture (basic concepts, common designs and their application)
  - Trade liberalization and its implication in Nepalese agricultural product
  - Value chain development: concepts and practices in agriculture
  - Postharvest management of agricultural commodities
  - Farming system and sustainable agriculture development
  - Gender Equity and Social Inclusion (GESI) and women's role in Nepalese agriculture
  - Conservation agriculture: concept, principles and practices
6. Miscellaneous (8 marks)
- About Municipality (Geography, culture, tradition)
  - नेपाली शुद्धशुद्धि सम्बन्धी
  - English proficiency (Vocabulary, Agreement, tense, parallel structures, clauses)
  - Computer Knowledge (MS- Word, MS-PowerPoint, Gmail )

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