

पूर्णांक : १००

	किसिम	संख्या (वटा)	समय (मिनेट)	अंकभार (प्रतिशत)
क	वस्तुगत बहुउत्तर	४०	४०	४०
ख	बिषयगत छोटो छोटो उत्तर	६	५०	३०
ग	बिश्लेषणात्मक उत्तर	२	६०	३०

परीक्षार्थीहरूलाई जानकारी :

१. प्रश्नपत्रको किसिम र उत्तर नेपाली वा अंग्रेजी वा दुवै माध्यममा हुन सक्नेछ ।
२. वस्तुगत, बिषयगत तथा विश्लेषणात्मक प्रश्नहरूको परीक्षा एकै साथ संचालन हुनेछ ।
३. वस्तुगत बहुउत्तर प्रश्नहरूको उत्तर सही दिएमा प्रत्येक सही उत्तर वापत एक अंक प्रदान गरिनेछ । गलत उत्तरको लागि नम्बर कट्टा गरिने छैन ।
४. परीक्षाको समय दुई घण्टा तीस मिनेट हुनेछ । तीकिएको समयावधि भित्र वस्तुगत प्रश्नको लागि छुट्टै र बिषयगत तथा विश्लेषणात्मक प्रश्नको लागि छुट्टै उत्तर पुस्तिकामा लेख्नु पर्नेछ ।
५. पाठ्यक्रममा परेका निति, ऐन तथा नियमहरू परीक्षाको मितिभन्दा ३ महिना अगाडी संशोधन भई थपिए वा हटाईएमा संशोधित बिषयहरूबाट प्रश्न सोधिनेछन ।
६. पाठ्यक्रम लागू मिति २०७४/०१/०२

Chapter 1: Seed policies, rules, and regulations

- National Seed Vision 2013-2025
- National Seed Policy 2056
- National Agriculture Policy 2061
- Agriculture Development Strategy (Seed related matters only)
- Seeds Act, 2045 and Seeds Rules, 2069
- Seed directives and guidelines
- Approved mechanism to increase the adoption and dissemination of newly released varieties
- Variety release, registration, and notification process in Nepal
- Seed export and import procedure in Nepal

Chapter 2: Basic concept of seed

- Basic concept of seed formation, development, and composition
- Differences between seed and food grain production
- Importance of good quality seed to increase crop production
- Seed classes
- Characteristics of good quality seed

Chapter 3: Seed sector situation in Nepal

- Varietal development and maintenance process and the number of released and registered varieties in Nepal
- Status of seed production and distribution in Nepal
- Seed value chain and the role of groups, co-operatives and seed entrepreneurs in improving the quality of seeds
- Seed replacement rate of different crops
- Involvement of private sector in seed business
- Role of different agencies in seed research and development: SQCC, NARC, DoA, educational institutions, DADO/DLSO and private sector

Chapter 4: Seed production technology

- Seed production techniques: self-pollinated crops, cross pollinated crops, and hybrids
- Major seed production programs implemented by the Government of Nepal
- Varietal characteristics of common and recently released varieties of rice, maize, wheat, vegetables, and fodders
- Common and objectionable diseases and weeds of different seed crops and their management

Chapter 5 Field inspection techniques: Principle and practices

- Procedures for field inspection at specific growth stages of different crops
- Field standards of major cereals and vegetables in Nepal

Chapter 6 Post-harvest operations of seeds

- Seed crop harvesting techniques
- Seed processing and conditioning, seed handling, seed storage, and seed marketing
- Storage structures for different seeds including potatoes
- Seed protection measures at storage
- Procedure of making seed lots

Chapter 7 Seed Quality Control and Certification Systems

- Seed sampling techniques
- Laboratory standards for various classes of seeds
- Seed quality tests in laboratories: physical purity, germination, and moisture
- Seed certification and truthful labelling systems; advantages and drawbacks of these systems
- Seed certification procedures of major crops in Nepal
- Role and responsibilities of Crop Inspectors, Seed Samplers, and Seed Analysts

Chapter 8 Importance of Record Keeping

- Crop history records, production records, seasonal records, and income records
- Seed auditing system