

जडीवुटी उत्पादन तथा प्रशोधन कम्पनी लिमिटेड  
खुला प्रतियोगितात्मक परीक्षाको लागि पाठ्यक्रम

स्तर : अधिकृत, सेवा : प्राविधिक, समूह : कृषि, तह : ७, पद : उपप्रबन्धक (कृषि)

पाठ्यक्रम योजनालाई निम्नानुसारका दुई चरणमा विभाजन गरिएको छ :

प्रथम चरण :- लिखित परीक्षा

पूर्णाङ्क :- २००

द्वितीय चरण :- अन्तर्वार्ता

पूर्णाङ्क :- ३०

**परीक्षा योजना (Examination Scheme)**

१. प्रथम चरण: – लिखित परीक्षा

पूर्णाङ्क :- २००

पत्र	विषय	पूर्णाङ्क	उतीर्णाङ्क	परीक्षा प्रणाली		प्रश्नसंख्या x अङ्क	समय
प्रथम	संस्थागत र व्यवस्थापकीय ज्ञान तथा		40	वस्तुगत	बहुवैकल्पिक प्रश्न(MCQ)	५० प्रश्न X २अङ्क	४५ मिनेट
द्वितीय	सेवा सम्बन्धी (प्राविधिक)	100	40	विषयगत	छोटो उत्तर लामो उत्तर	८ प्रश्न X ५अङ्क ६ प्रश्न X १० अङ्क	३ घण्टा

२. द्वितीय चरण : –अन्तर्वार्ता

विषय	पूर्णाङ्क	परीक्षा प्रणाली
अन्तर्वार्ता	30	मौखिक

**द्रष्टव्य :**

- यो पाठ्यक्रमको योजनालाई प्रथम चरण र द्वितीय चरण गरी दुई भागमा विभाजन गरिएको छ ।
- प्रथम र द्वितीय पत्रको पत्रको विषयवस्तु एउटै हुनेछ ।
- प्रथम र द्वितीय पत्रको लिखित परीक्षा छुट्टाछुट्टै हुनेछ ।
- लिखित परीक्षाको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुवै हुनेछ ।
- वस्तुगत बहुवैकल्पिक (Multiple Choice) प्रश्नहरूको गलत उत्तर दिएमा प्रत्येक गलत उत्तर बापत २० प्रतिशत अङ्क कट्टा गरिनेछ । तर उत्तर नदिएमा त्यस बापत अङ्क दिइने छैन र अङ्क कट्टा पनि गरिने छैन ।
- वस्तुगत बहुवैकल्पिक हुने परीक्षामा परीक्षार्थीले उत्तर लेख्दा अंग्रेजी ठूलो अक्षर (Capital letter) A,B,C,D मा लेख्नुपर्नेछ । सानो अक्षर (Small letter) a,b,c,d लेखेको वा अन्य कुनै सङ्केत गरेको भए सबै उत्तरपुस्तिका रद्द हुनेछ ।
- बहुवैकल्पिक प्रश्नहरू हुने परीक्षामा कुनै प्रकारको क्याल्कुलेटर (Calculator) प्रयोग गर्न पाइने छैन ।
- परीक्षामा सोधिने प्रश्नसंख्या, अङ्क र अङ्कभार यथासम्भव सम्बन्धित पत्र /विषयमा दिइए अनुसार हुनेछ।
- परीक्षामा परीक्षार्थीले मोबाइल वा यस्तै प्रकारका विद्युतीय उपकरण परीक्षा हलमा लैजान पाइने छैन ।
- विषयगत प्रश्न हुने पत्रका हकमा प्रत्येक खण्डका लागि छुट्टाछुट्टै उत्तरपुस्तिकाहरू हुनेछन् । परीक्षार्थीले प्रत्येक खण्डका प्रश्नहरूको उत्तर सोही खण्डको उत्तरपुस्तिकामा लेख्नुपर्ने छ ।
- यस पाठ्यक्रम योजना अन्तर्गतका पत्र/विषयका विषयवस्तुमा जसुकै लेखिएको भए तापनि पाठ्यक्रममा परेका कानून, ऐन, नियम तथा नीतिहरू परीक्षाको मिति भन्दा ३ महिना अगाडि (संशोधन भएका वा संशोधन भई हटाईएका वा थप गरी संशोधन भई) कायम रहेकालाई यस पाठ्यक्रममा परेको सम्झनु पर्दछ ।
- प्रथम चरणको परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र द्वितीय चरणको परीक्षामा सम्मिलित गराइनेछ ।
- पाठ्यक्रम लागू मिति :-

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प्रथम र द्वितीय पत्र :- संस्थागत र व्यवस्थापकीय ज्ञान तथा सेवा सम्बन्धी (प्राविधिक)  
भाग (अ)– सेवा सम्बन्धी (प्राविधिक)

**खण्ड (क)**

1. **History and Current Status of Agriculture Sector in Nepal**
  - 1.1 Overview of Nepalese agriculture: Current status and scope
  - 1.2 History of agricultural research and development in Nepal
  - 1.3 History, impact and importance of crop research and development programs
  - 1.4 Agriculture Development Strategy (ADS2015) and its role in Nepalese agriculture
  - 1.5 Major constraints of agricultural production in Nepal
  - 1.6 Prospects of commercial field and plantation crops for commercialization
  
2. **Agronomy**
  - 2.1 **Basics of crop production**
    - 2.1.1 **Farming system**
      - 2.1.1.1 Introduction, system approach in agriculture, component /determinants of farming system
      - 2.1.1.2 Farming System Research Methodology (FSR)
      - 2.1.1.3 Framework of FSR methodology
      - 2.1.1.4 Farming system approach and its components
      - 2.1.1.5 Social, economic & institutional aspects of farming system
    - 2.1.2 **Resource conservation technologies (RCT) in crop production**
    - 2.1.3 **Tillage**
      - 2.1.3.1 Objective, significance and importance of tillage in crop production
      - 2.1.3.2 Zero tillage, minimum tillage and optimum tillage
      - 2.1.3.3 Condition of soil suitable for cultivation
    - 2.1.4 **Seed Technology**
      - 2.1.4.1 Seed formation, development and physiology of seed
      - 2.1.4.2 Seed quality and seed classes
      - 2.1.4.3 Principles and practices of seed production
      - 2.1.4.4 Seed processing, handling and storage
      - 2.1.4.5 Seed testing principles
      - 2.1.4.6 Seed certification procedures and seed standards of major crops in Nepal
      - 2.1.4.7 Importance of Varietal Replacement and Seed Replacement Rate
      - 2.1.4.8 Seed self-sufficiency and seed production programs in Nepal
  - 2.2 **Crop production technology**
    - 2.2.1 Production practices of rice, maize, wheat, finger millet, lentil, soybean, chickpea, mung bean, rapeseed, sunflower, groundnut, sugarcane with respect to:
      - 2.2.1.1 Importance , distribution, origin and classification
      - 2.2.1.2 Morphology and growth stages
      - 2.2.1.3 Recommended varieties
      - 2.2.1.4 Climate and soil
      - 2.2.1.5 Cultural practices and post-harvest technology
  - 2.3 **Plant breeding and research design**
    - 2.3.1 Definition, importance, history and achievement of plant breeding
    - 2.3.2 Methods of crop improvement and breeding methods in field crops

## जडीवृटी उत्पादन तथा प्रशोधन कम्पनी लिमिटेड

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- 2.3.3 Classification of crops according to mode of pollination
- 2.3.4 Germplasm collection, characterization, evaluation and utilization
- 2.3.5 Variety development procedure in Nepal
- 2.3.6 Maintenance breeding of varieties/germplasms.
- 2.3.7 Hybrid variety development and hybrid seed production.
- 2.3.8 Use of biotechnology in plant breeding
- 2.3.9 Research design and application in crops and weed science
- 2.4 **Postharvest management of horticultural crops**
  - 2.4.1 Post-harvest physiology: transpiration, respiration and ripening of fruit and vegetables
  - 2.4.2 Causes of postharvest loss and their management
  - 2.4.3 Storage of potato and fruits : principles, importance and different storage structures
  - 2.4.4 Preservation of fruits and vegetables
- 2.5 **Medicinal and Aromatic plants**
  - 2.5.1 Classification of medicinal and aromatic plants
  - 2.5.2 Extraction and storage methods for medicinal plants
- 2.6 **Nursery management in fruits and vegetables**
  - 2.6.1 Sexual and asexual propagation techniques of horticultural crops
  - 2.6.2 Nursery types and its use in horticultural crop production including hi-tech nurseries
  - 2.6.3 Use of rootstocks in horticulture
  - 2.6.4 Care and management of plants in nursery
- 2.7 **Modern technologies in horticulture**
  - 2.7.1 Organic farming, soilless farming, tissue culture technology for tuber and sapling production, high density planting, modern irrigation technologies, use of machineries in horticulture
  - 2.7.2 Precision and protected horticultural technology
  - 2.7.3 Urban farming technologies (roof top, vertical farming and home garden)
  - 2.7.4 Use of plant growth regulators and hormones in horticulture
- 2.8 **Plant growth and development**
  - 2.8.1 Seed germination: mechanism and controlling factors
  - 2.8.2 Flowering, pollination, fruit set, fruit drop and fruit maturity
  - 2.8.3 Fruit ripening and senescence: mechanism and controlling factors
  - 2.8.4 Tuber and bulb formation: mechanism and controlling factors
- 3. **Biodiversity & Agro biodiversity**
  - 3.1 Convention on Biodiversity (CBD)
  - 3.2 Role of IPGRI in conservation of agro-biodiversity
  - 3.3 Plant variety protection in relation to WTO
  - 3.4 Himalayan Region as a center of crop plants origin and diversity
  - 3.5 Biodiversity and approaches for its utilization and conservation
- 4. **Weeds & weed control**
  - 4.1 Classification of weeds, effects on crop production
  - 4.2 Common weeds found in major field crops
  - 4.3 Principles and methods of weed control practices in Nepal
  - 4.4 Herbicides: type, formulation, and mode of action, effects and its use in Nepal
  - 4.5 Herbicidal effects on environment and its economic use
- 5. **Genetics & Plant Breeding**

- 5.1 Advances in crop improvement in Nepal.
- 5.2 Definition, importance, history and achievement of plant breeding
- 5.3 Genetic basis of plant breeding
- 5.4 Breeding methods: self-pollinated & cross pollinated crops
- 5.5 Varietal improvement procedure adopted in Nepal
- 5.6 Use of biotechnology in plant breeding
  
6. **Seed Technology**
  - 6.1 Principles and practices of seed production
  - 6.2 Seed classification and their qualities
  - 6.3 Physiology of seed
  - 6.4 Seed certification procedures and seed certification standards of major crops
  - 6.5 Seed regulatory agency and its function in controlling and maintenance of seed standards
  
7. **Crop Physiology**
  - 7.1 Growth & development
  - 7.2 Photoperiodic
  - 7.3 Photosynthesis and respiration.
  - 7.4 Transpiration
  - 7.5 Absorption & translocation
  - 7.6 Stress physiology: cold & heat stress, low & high moisture stresses, etc.
  
8. **Sustainable Agriculture, Environment & Conservation**
  - 8.1 Definition of sustainable agriculture
  - 8.2 Importance of green revolution
  - 8.3 Technology generation and its sustainability
  - 8.4 Importance of indigenous technology
  - 8.5 Gender issues in agronomic practices
  - 8.6 Importance of natural resources conservation, utilization and management w. r. t. food security, employment generation and livelihood improvement in Nepal
  - 8.7 Bio-diversity and agro-biodiversity: Conservation and utilization for sustainable agriculture development
  - 8.8 Use of fertilizers and pesticides in agriculture and their implications to environment
  - 8.9 Integrated pest, crop, and plant nutrient management systems (IPM, ICM, IPNM) and Good Agricultural Practices (GAP)
  - 8.10 Environmental issues and sustainability of Nepalese agriculture
  - 8.11 Organic agriculture, and organic products for export promotion and food safety
  - 8.12 General climatic conditions of Nepal
  - 8.13 Weather observation and instruments use in Nepal
  - 8.14 Climate change and its impact in agriculture sector
  - 8.15 Climate change adaptation and mitigation strategies of Nepal
  - 8.16 Disaster (landslide, drought, flood, cold spell, earthquake, pest outbreak) management in agriculture
  - 8.17 Rapid urbanization and change in land use pattern and their consequences in food security, environment conservation, employment generation and youth migration
  - 8.18 Crop insurance in Nepal: Current policies and status

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9. **Agricultural Economics**

- 9.1 Farm Management
  - 9.1.1 Scope and importance of farm management
  - 9.1.2 Farm budgets (total and partial budgeting)
  - 9.1.3 Cost and return analysis (Major food grains, cash crops and horticultural crops)
  - 9.1.4 Farm plan (Resources, constraints and optimization)
  - 9.1.5 Efficiency measure; farm inventory management and valuation
  - 9.1.6 Time value of money, compounding and discounting techniques
  - 9.1.7 Income and net-worth statement
- 9.2 Agricultural Marketing and Agri-business
  - 9.2.1 Concept, scope and role
  - 9.2.2 Characteristics of agricultural market and problems of marketing in Nepal
  - 9.2.3 Grading, standardization, quality control and related problems of agricultural commodities
  - 9.2.4 Value chain development in agriculture
  - 9.2.5 Business plan preparation
  - 9.2.6 Marketing of agricultural inputs (fertilizer, seeds, saplings, chemicals) and outputs (cereals, cash crops, fruits and vegetables)
  - 9.2.7 Global and regional context of agricultural marketing and trade (WTO, SAFTA, Indo-Nepal trade)
  - 9.2.8 Commodity markets in agriculture
- 9.3 Agricultural Program Planning, Monitoring and Evaluation
  - 9.3.1 Concepts of agricultural planning, preparation of programs/projects, budgeting and project cycle
  - 9.3.2 Feasibility studies of agricultural projects and use of B/C Ratio, IRR, Economic and Financial Rate of Return, Net Present Value
  - 9.3.3 Risk and uncertainty
  - 9.3.4 Monitoring and evaluation of agricultural programs/projects
  - 9.3.5 Logical framework in project planning and monitoring
- 9.4 Statistics and Survey Techniques
  - 9.4.1 Frequency distribution and measures of central tendency, bar and pie charts
  - 9.4.2 Computation of mean and standard deviation from grouped and ungrouped sets of data
  - 9.4.3 Hypothesis testing and confidence interval
  - 9.4.4 Regression and correlation analysis
  - 9.4.5 Estimate of errors, control of error
  - 9.4.6 Agriculture Census: Sample survey and its advantage over census survey
  - 9.4.7 Source of sampling and non-sampling error and measures to minimize such errors
  - 9.4.8 Sample design for collecting current agricultural statistics in Nepal
  - 9.4.9 Rapid and Participatory Rural Appraisal (RRA and PRA) and crop cutting surveys

**खण्ड (ख)**

10. **Principles and Practices of Agroforestry Systems**

- 10.1 Concepts, Principles and Practices of Agroforestry

- 10.2 Classification of agroforestry: structural, functional, ecological, socio-economic
- 10.3 Agroforestry practices as existing in Nepal, strategies for promoting agroforestry, and advantages of agroforestry
- 10.4 Criteria for selection of Agroforestry species at different ecological zones of Nepal
- 10.5 Criteria for selection and screening of tree species, design and diagnosis methodology in relation to agroforestry, transfer of agroforestry technology
- 10.6 Overview of global agroforestry system- shifting cultivation, energy plantation and homestead gardens
- 10.7 Characteristics of Multipurpose Tree Species
- 10.8 Non-timber forest products (NTFPs)
- 10.9 Major Agroforestry systems of Nepal and the SAARC countries
  
11. **Silviculture**
  - 11.1 Definition, objectives and scope of silviculture and its place in agroforestry, common silvicultural terms
  - 11.2 Forest types of Nepal and its distribution, locality factors, natural regeneration from seed and vegetative parts
  - 11.3 Concept and principle of forest ecosystem, normal forest and locality factors
  - 11.4 Silvicultural practices adopted for the management of different categories of forests (e.g. community forests, collaborative forests, block forest, leasehold forests, religious forests, plantation forests, natural forests)
  - 11.5 Seed collection, handling, storage and certification
  - 11.6 Principles and practices of natural and artificial regeneration, reforestation, afforestation, choice of species, site selection, pure versus mixed crop, various techniques of plant propagation, plantation establishment at different sites, types of tending operation and forest rotations
  - 11.7 Principles and methods of tree improvement
  - 11.8 Silviculture of commercial tree species of Nepal
  
12. **Nursery and Seed Technology**
  - 12.1 Concept of nursery, temporary and permanent nursery, criteria for site selection, layout and design of beds, type of containers its uses and limitations, sowing techniques, soil mixtures, sowing manuring, fertilization in nursery, water management in nursery, scope of mechanism of nurseries: seedling protection from environmental and biological agents
  - 12.2 Acceleration early growth of seedling
  - 12.3 Bare root versus container seedling
  - 12.4 Nursery disease, pests and their control
  - 12.5 Seed collecting, seed transport extraction of seed
  - 12.6 Quality of seed and pretreatment, germination, sanitation, seed storage, seed certification, seed source and elite seed trees
  
13. **Principles of Crop Production in Agroforestry**
  - 13.1 Choice of inter-crops for different tree species, sowing and planting techniques
  - 13.2 Planting patterns, crop geometry, nutrients requirements, irrigation scheduling and weed management of field crops, cereals, pulses, oil seed, fodder, vegetables, medicinal plants and ornamental, seed production
  - 13.3 Production potentials in multiple cropping in relation to agro-climatic conditions
  - 13.4 Crop combination, interaction in crop mixtures, allelopathy, canopy management and plant protection

**14. Plant Protection in Agroforestry Systems**

14.1 Introduction, susceptibility of forest trees and agricultural crops to damages and destructive agencies, nature of damages, causes, preventive and protective measures and beneficial effects if any injurious plants/ weeds of cultivated lands climbers, noxious weeds and their control, economics of control measures, problem of weeds in forest nursery and plantations, crop-weed competition insect-pests of agroforestry trees and crops pests control of forest nurseries and their management, pest of forest tree seeds and their control in standing trees and in storage, general principles of insect pest management, IPM, biological, silvi-cultural and chemical controls, disease situation in different agroforestry models, important disease in trees and crops in agroforestry system, interaction of crops and trees in relation to disease problems

**15. Management and Productivity in Agroforestry**

15.1 Concept and classification of agroforestry systems and productivity, eco-zones and choice of system, system components and their integration, management of tree plantation, thinning, lopping, pruning etc.

15.2 Criteria for selection of agroforestry design, role tree architecture and management in agroforestry, development and management of agroforestry system resources output and input flows, interpretation and system viability, ecological sustainability, bioenergetics and production dynamics, recent trends in agroforestry, development-technologies and research with special on space and time considerations and introduction to on farm trials

**16. Utilization of Agroforestry Product**

16.1 Non-timber forest products of economic importance in Nepal

16.2 Forest based industries and their functioning in Nepal

16.3 Management, collection, processing and marketing of high value NTFPs in Nepal, value chain of high value wood and non-wood products

16.4 Role and function of private sector and cooperatives

16.5 Scope and potential role of different forest products in poverty reduction

16.6 Management of endemic, endangered, rare and vulnerable species, introduction and reintroduction, translocation and meta population of the species,

16.7 Protected area management planning, implementation, monitoring and evaluation process

16.8 Medicinal and aromatic plants, edible plants both of human and animal use and their nutritive value and digestibility

16.9 Zoological and botanical garden, rescue centers and wildlife hospitals

16.10 Developing and disseminating appropriate technologies for cultivation management, value added processing and marketing of agroforestry trees/MPTS and high value NTFPs

16.11 Role of research in Indigenous knowledge, Agroforestry and NTFPs in sustainable agriculture/forest

**17. Socio- Economics Aspect of Agroforestry**

17.1 Basic principles of economics applied to agroforestry, cost- benefits analysis, estimation of demand and supply, analysis of trends in national and international market and changes in production and consumption pattern

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- 17.2 Role of private sector and co-operatives, socio-economic analysis of agroforestry projects, recent trends in agroforestry extension, participatory approaches of NGO's voluntary organizations, local leaders, farm youth and women in generation
- 17.3 Role of Non-Timber Forest Products (NTFPs) in local livelihoods and national economy
- 17.4 Issues and challenges in production, processing, trade, domestication and commercialization of high value NTFPs in Nepal
- 17.5 Importance of forestry research and associated issues in forest management and silviculture, biodiversity conservation, tree improvement and agroforestry, soil and water conservation, protected areas and wildlife management, NTFPs and other forestry related areas
- 17.6 Appropriate technologies available for the domestication, commercialization and marketing of major agroforestry trees and high value NTFPs in Nepal
- 18 Long term agriculture policy of Nepal

**भाग (आ) – संस्थागत र व्यवस्थापकीय ज्ञान**

**खण्ड (ग)**

**1. शासकीय प्रबन्ध र विकास**

- 1.1 नेपालको संवैधानिक विकासक्रम र वर्तमान संविधान
- 2.1 सार्वजनिक प्रशासन /व्यवस्थापनको अवधारणा र यसका सिद्धान्तहरू
- 1.2 सार्वजनिक सेवाको अवधारणा र आधारभुत मान्यताहरू (Values)
- 1.3 विकासको अवधारणा, यसका विविध पक्षहरू : मानव विकास, गरिबी निवारण, जलवायु परिवर्तन, लैंगिक सवाल, विश्वव्यापीकरण, दिगो विकास
- 1.4 व्यवस्थापनमा नेतृत्व, उत्प्रेरणा, निर्णय प्रकृया, नियन्त्रण र समन्वय

**2. संस्थागत ज्ञान**

- 2.1 जडीवुटी उत्पादन तथा प्रशोधन कम्पनी लिमिटेडको स्थापना, लक्ष्य, उद्देश्य, संगठनात्मक संरचना, कार्यहरू, वर्तमान अवस्था र संभावना
- 2.2 जडीवुटी/औषधीय तथा सुगन्धित वनस्पतिहरू (Medicinal and Aromatics Plants-MAPs), तिनको पहिचान र स्वभाव, दुर्लभ, रैथाने/स्थानीय, लोपोन्मुख र खतरामा परेका वनस्पतिहरू
- 2.3 जडीवुटी उत्पादन तथा प्रशोधन कम्पनी लिमिटेडको निकायगत समन्वय र सम्बन्ध
- 2.4 नेपालको सन्दर्भमा जैविक विविधताको दिगो व्यवस्थापन र उपयोग

**3. सम्बद्ध कानूनहरू (जडिबुटी र सुगन्धित वनस्पतिहरू सम्बन्धमा भएका व्यवस्था)**

- 3.1 जडीवुटी उत्पादन तथा प्रशोधन कम्पनी लिमिटेडको मानव संशाधन व्यवस्थापन विनियमावली, २०७७
- 3.2 सङ्कटापन्न वन्यजन्तु तथा वनस्पतिको अन्तर्राष्ट्रिय व्यापार नियन्त्रण नियमावली, २०७६
- 3.3 वातावरण संरक्षण ऐन, २०७६ र वातावरण संरक्षण नियमावली, २०७७
- 3.4 राष्ट्रिय कृषि-वन नीति, २०७६
- 3.5 कृषि जैविक विविधता नीति, २०७१
- 3.6 दुर्लभ वन्य जन्तु र वनस्पतिहरूको अन्तर्राष्ट्रिय महासन्धि (CITES)का प्रमुख प्रावधानहरू

प्रथम पत्रको लागि यथासम्भव निम्नानुसार प्रश्नहरू सोधिने छ ।

प्रथम पत्र (वस्तुगत)					
भाग	विषय	खण्ड	परीक्षा प्रणाली	अङ्कभार	प्रश्न संख्या
(अ)	सेवा सम्बन्धी	(क)		४०	२० प्रश्न X २ अङ्क = ४०

**जडीवुटी उत्पादन तथा प्रशोधन कम्पनी लिमिटेड**  
**खुला प्रतियोगितात्मक परीक्षाको लागि पाठ्यक्रम**  
**स्तर : अधिकृत, सेवा : प्राविधिक, समूह : कृषि, तह : ७, पद : उपप्रबन्धक (कृषि)**

		(ख)	बहुवैकल्पिक प्रश्न (MCQs)	४०	२० प्रश्न X २ अङ्क = ४०
(आ)	संस्थागत र व्यवस्थापकीय ज्ञान	(ग)		२०	१० प्रश्न X २ अङ्क = २०

द्वितीय पत्रको लागि यथासम्भव निम्नानुसार प्रश्नहरू सोधिनेछ ।

द्वितीय पत्र (विषयगत)					
भाग	विषय	खण्ड	अङ्कभार	छोटो उत्तर	लामो उत्तर
(अ)	सेवा सम्बन्धी	(क)	५०	४ प्रश्न X ५ अङ्क = २०	३ प्रश्न X १० अङ्क = ३०
		(ख)	५०	४ प्रश्न X ५ अङ्क = २०	३ प्रश्न X १० अङ्क = ३०