

## दुग्ध विकास संस्थान

### केन्द्रीय कार्यालय, लैनचौर

अर्थ विज्ञ तह ७ प्राविधिक सेवा, अर्थ समूह पदको खुला प्रतियोगितात्मक लिखित परीक्षाको पाठ्यक्रम

पाठ्यक्रमको रूपरेखा :- यस पाठ्यक्रमको आधारमा निम्नानुसार दुई चरणमा परीक्षा लिइने छ :

प्रथम चरण :- लिखित परीक्षा पूर्णाङ्क :- २००

द्वितीय चरण :- अन्तर्वार्ता पूर्णाङ्क :- ३०

प्रथम चरण – लिखित परीक्षा योजना (Examination Scheme)

पत्र	विषय	पूर्णाङ्क	उत्तीर्णाङ्क	परीक्षा प्रणाली	प्रश्न संख्या X अङ्कभार	समय
प्रथम पत्र	अर्थशास्त्र	१००	४०	वस्तुगत बहुउत्तर (Multiple Choice)	५० X २ = १००	१ घण्टा
द्वितीय पत्र	क. अर्थशास्त्र ख. संस्थान सम्बन्धि	१००	४०	विषयगत (Subjective)	१० X ७ = ७० १५ X २ = ३०	३ घण्टा

द्वितीय चरण

विषय	पूर्णाङ्क	परीक्षा प्रणाली
व्यक्तिगत अन्तर्वार्ता	३०	मौखिक

- लिखित परीक्षाको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुवै हुन सक्नेछ ।
- प्रथम र द्वितीय पत्रको लिखित परीक्षा छुट्टाछुट्टै हुनेछ ।
- प्रथम तथा द्वितीय पत्रका एकाईहरूको प्रश्नसंख्या निम्नानुसार हुनेछ :
- प्रथम पत्रमा वस्तुगत बहुउत्तर (Multiple Choice) प्रश्नहरूको उत्तर सही दिएमा प्रत्येक सही उत्तर बापत २ (दुई) अङ्क प्रदान गरिनेछ भने गलत उत्तर दिएमा प्रत्येक गलत उत्तर बापत २० प्रतिशत अर्थात् ०.४ अङ्क कटौत गरिनेछ । तर उत्तर नदिएमा त्यस बापत अङ्क दिइने छैन र अङ्क कटौत पनि गरिने छैन ।
- द्वितीय पत्रको विषयगत प्रश्नका लागि तोकिएका १० अङ्कका ७ प्रश्नहरू र १५ अङ्कका २ वटा प्रश्नहरूको सोधिने छ ।
- द्वितीय पत्रको पाठ्यक्रमलाई ४ वटा खण्ड/एकाईमा विभाजन गरिएको छ । ४ वटा खण्ड/एकाईको लागि एउटै उत्तरपुस्तिका दिइनेछ ।

७. यस पाठ्यक्रममा जेसुकै लेखिएको भएता पनि पाठ्यक्रममा परेका ऐन, नियमहरु परीक्षाको मिति भन्दा ३ (तीन) महिना अगाडि संशोधन भएका वा संशोधन भई हटाइएका वा थप गरी संशोधन भई कायम रहेकालाई यस पाठ्यक्रममा रहेको सम्झनु पर्दछ ।
८. प्रथम चरणको लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरुलाई मात्र द्वितीय चरणको अन्तर्वार्तामा सम्मिलित गराइनेछ ।
९. पाठ्यक्रम लागू मिति :- २०७२/१०/२५

## **Syllabus for Economist**

प्रथम पत्र

(५० x २ = १००)

### **1. Overview of Current Nepalese Economy**

#### **1.1 Nepalese Economy**

- 1.1.1 Foundations of the Nepalese Economy: Natural Resources, Human Resource, Agriculture, and Tourism
- 1.1.2 Issues in Nepalese economy (unemployment, poverty, inequality, social inclusion)
- 1.1.3 Infrastructure: Economic infrastructure (Transportation, Communication and Electricity, Irrigation), Social Infrastructure (Education, Drinking water, Health and Sanitation)
- 1.1.4 Trade: Direction, Composition, and Diversification, Current strategies of trade competitiveness Status of Trade Facilitation WTO, SAFTA, BIMSTEC Service Trade (Remittance) Recent trade policy
- 1.1.5 Price level and its determinants: situation, causes and consequences

#### **1.2 Government Finance, Development Plans, Economic Reform and Diplomacy**

- 1.2.1 Revenue
- 1.2.2 Expenditure
- 1.2.3 Resource Gap
- 1.2.4 Characteristics of current budget
- 1.2.5 Budget formulation process
- 1.2.6 Overview of development plans
- 1.2.7 Objectives and strategies of the current Plan
- 1.2.8 Plan and economic policies
- 1.2.9 Liberalization and privatization
- 1.2.10 Economic diplomacy

#### **1.3 Agricultural Economics**

- 1.3.1 Role of agriculture in Nepalese economy
- 1.3.2 Structural characteristics of Nepalese Agriculture
- 1.3.3 GoN's long-term and periodic plans and policies on agricultural development
- 1.3.4 Problems and prospects of agricultural development in Nepal.
- 1.3.5 Characteristics of farming as a business
- 1.3.6 Tools of Farm Management Analysis
  - Farm Planning
  - Farm Budgeting
- 1.3.7 Farm Business Analysis
  - Farm Records and Accounts
  - Farm Inventory: Valuation and Depreciation Techniques
- 1.3.8 Concept and role in agricultural development
- 1.3.9 Grading, packaging, standardization: present situation in Nepal
- 1.3.10 Export Marketing of Nepalese agricultural produce

## **1. Micro-economics**

### **1.1 Consumer's Behavior**

- 1.1.1 Demand and Supply: Concepts, Determinants, Elasticity, and Applications
- 1.1.2 Cardinal and Ordinal utility analysis
- 1.1.3 Applications of indifference curve analysis

### **1.2 Production and Product Pricing**

- 1.2.1 Theory of production
- 1.2.2 Law of variable proportions and returns to scale
- 1.2.3 Equilibrium in the Product market: Perfect Competition, Monopoly and Monopolistic competition
- 1.2.4 Price discrimination, dumping, tying

### **1.3 Theory of Factor Pricing and Welfare Economics**

- 1.3.1 Factor pricing
- 1.3.2 Rent: Ricardian Theory of Rent and Modern Theory of Rent
- 1.3.3 Wages: Marginal Productivity Theory of Wages
- 1.3.4 Welfare economics:
  - 1.3.4.1 Pigouvian Welfare Economics
  - 1.3.4.2 Maximization of Social Welfare
  - 1.3.4.3 Pareto Optimality
  - 1.3.4.4 Welfare Maximization of Perfect Competition
  - 1.3.4.5 Concept of Consumer's surplus and Producer's surplus

## **2. Macro-economics**

### **2.1 National Income (NI) Accounting and Income Determination**

- 2.1.1 Concepts of NI, Measurement and Difficulties
- 2.1.2 Keynesian theories of consumption, investment and saving
- 2.1.3 Concepts of various Multipliers
- 2.1.4 Classical Vs Keynesian economics

### **2.2 Economic Growth and Development**

- 2.2.1 Concepts of Economic Growth and Development
- 2.2.2 Calculation of growth rates
- 2.2.3 Harrod Domar model
- 2.2.4 Solow model
- 2.2.5 Indicators of Development
- 2.2.6 HDI and its components
- 2.2.7 Determinants of Development
- 2.2.8 Obstacles to development
- 2.2.9 Theories of Development (Rostow's model, Lewis's model)
- 2.2.10 Economic stabilization, monetary policy and Inflation

### **3. Economic Planning and Research**

#### **3.1 Concept, Types and Tools and Techniques of Economic Planning**

- 3.1.1 Concept and importance of Planning with reference to interventionist, institutionalist and New –liberalist approach
- 3.1.2 Perspective and periodic plans
- 3.1.3 Macro and Micro Planning
- 3.1.4 Local/Regional development Planning
- 3.1.5 Planning in capitalism, socialism and mixed economy
- 3.1.6 Cost Benefit Analysis
- 3.1.7 Capital-output Ratio
- 3.1.8 Project Appraisal (Stages and Components)
- 3.1.9 Perspectives of Milk Production in Nepal: Production, Demand, Prices and associated Risks
- 3.1.10 Concept of Monitoring and Evaluation

#### **3.2 Research and Statistics**

- 3.2.1 Elements of Research Proposal
- 3.2.2 Data collection, analysis and presentation
- 3.2.3 Measurement scales of variables
- 3.2.4 Descriptive statistics
- 3.2.5 Correlation and regression
- 3.2.6 Sampling theory (Importance, types of probability and non-probability sampling)
- 3.2.7 Confidence interval and hypothesis testing
- 3.2.8 Time series analysis
- 3.2.9 Software package for statistical analysis (SPSS)
- 3.2.10 Report writing

द्वितीय पत्र  
खण्ड - क (२ x १५ = ३०)

**Rules Regulations**

1. Corporation Act 2021
2. Personnel and Financial Regulation of DDC
3. Consumer Protection Act of Nepal
4. Labour Act of Nepal
5. History of constitutional development in Nepal and present constitution.

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