

प्रदेश लोक सेवा आयोग
गण्डकी प्रदेश

नेपाल आर्थिक योजना तथा तथ्याङ्क सेवा, तथ्याङ्क समूह, सहायक पाँचौ तह (प्रदेश/स्थानीय तह)
पदको खुला प्रतियोगितात्मक लिखित परीक्षाको पाठ्यक्रम

पाठ्यक्रमको रूपरेखा: यस पाठ्यक्रमको आधारमा निम्नानुसार चरणमा परीक्षा लिइने छः

प्रथम चरण: लिखित परीक्षा

पूर्णाङ्क: १००

द्वितीय चरण: अन्तर्वार्ता

पूर्णाङ्क: २०

प्रथम चरण: लिखित परीक्षा योजना (Examination Scheme)

विषय	पूर्णाङ्क	उत्तीर्णाङ्क	परीक्षा प्रणाली	प्रश्न संख्या × अङ्कभार	समय
सेवा सम्बन्धी	१००	४०	वस्तुगत बहुवैकल्पिक (Multiple Choice)	५० × २ = १००	४५ मिनेट

द्वितीय चरण

विषय	पूर्णाङ्क	परीक्षा प्रणाली
व्यक्तिगत अन्तर्वार्ता	२०	मौखिक

द्रष्टव्यः

- लिखित परीक्षाको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुवै हुन सक्नेछ।
- 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।
- यस पाठ्यक्रम योजना अन्तर्गतका पत्र/विषयका विषयवस्तुमा जेसुकै 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।
- लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र द्वितीय चरणको अन्तर्वार्तामा सम्मिलित गराइनेछ।
- पाठ्यक्रम लागू मिति:-

- 1. A. Source and method of collecting data**
 - i. Primary Source:**
 - Personal interview of self administrated form
 - Observation or measurement
 - Mail Questionnaire or Telephone
 - ii. Secondary Source:**
 - Published or Unpublished Statistics
- B. Collection, Classification, Presentation of Data (Frequency, Cross-Tables, Bar, Histograms and Pie)**
- 2. Measures of central tendency:**
 - Concept, Meaning, Significance and Computation of Average (A.M., G.M. and H.M.), Median and Mode
- 3. Measures of Dispersion:**
 - Concept, Meaning, Significance of Range, Variance, Standard Deviation, Coefficient of Variation
- 4. Concept of Probability and Distributions:**
 - Binomial, Poisson and Normal Distribution
- 5. Linear Correlation and Regression:**
 - Concept of the Simultaneous Variation of Two Variables
 - Concept of Scatter Diagram
 - Measurement of Simple Correlation
 - Pearson's Coefficient of Correlation
 - Simple Linear Regression
- 6. Elementary Concept of Sampling**
 - Methods of Enumeration
 - (A) Complete Enumeration (Census)
 - (B) Sample Enumeration (Sample Survey)
 - Methods of Sampling : Random (Probability) and non-Random
 - Concepts and Uses of Random Numbers with reference to SRS (Simple Random Sampling)
 - Sampling and non-Sampling Errors: Concept and Sources
- 7. Index Numbers**
 - Definition and Concept
 - Simple and Weighted Index Numbers
 - Selection of the Base Year
- 8. Limits and Limiting Values:**
 - An intuitive idea of Limit of a Function
 - Fundamental Rules of Limit
 - Methods of finding Limits of various Algebraic Functions
- 9. Differentiation:**
 - Definition and notion of Derivative
 - Graphic interpretation of Derivative
 - Derivative of Simple Algebraic Function
- 10. Simple Integration:**
 - Definition and notation of Integrals
 - Basic Standard Integrals
 - Definite Integrals
- 11. Ratio and Proportion**
 - Introduction of Ratio and Proportion
 - Direct, Indirect and Compound Proportion
- 12. Profit and Loss**
 - Cost Price and Selling Price
 - Gross Profit and Net Profit
 - Commission and Discount
- 13. Major Statistical Operation in Nepal**
 - A. National Population Census:**

- Concept, Objectives and Uses;
- Comprehensive results of the Latest Census;

B. National Agriculture Census - Concept, Objectives, Coverage and Uses

C. Census and Surveys of Manufacturing Establishments:

- Concept, Objectives, Coverage and Uses;

D. Household Surveys:

- Concept, Objectives;

E. National Account Statistics:

- Concept, Objectives;
- Concept of Gross inputs and output, Gross Domestic Product and Gross Domestic Expenditure, Value added

F. Statistical Act, 2015 (with amendment)

G. Employment and unemployment statistical Survey in Nepal

- Concept, Objectives;

H. Unemployment Registration in Nepal.

- Concept, Objectives;

14. Geography, Economics and Population of Nepal

- A. Physical and Political Divisions and its feature
- B. Environmental Problems, Causes and Possible Solutions
- C. National Resources :- Agriculture, Forestry, Mineral and Water
- D. Current Five Year Plan - Objectives and Priorities
- E. Population Problems and Policies
- F. Tourism and Development
- G. Recent Urbanization Problems and Possible Solutions
- H. Importance of Statistics for Planning

Model Questions

1. For A.M., G.M. and H.M.
(A) $A.M \geq G.M \leq H.M$ (B) $A.M > G.M > H.M$
(C) $A.M \leq G.M > H.M$ (D) $A.M \leq G.M \leq H.M$
2. For a given series Coefficient of variation (C.V.) is a measure of -
(A) Efficiency (B) Deficiency (C) Consistency (D) None of the above
3. A regression coefficient is -
(A) Independent of change of origin but not of scale
(B) Independent of change of scale but not of origin
(C) Independent of change of origin as well as scale
(D) Dependent of change of origin as well as scale
4. An ideal index number is one that satisfies :
(A) Time reversal test (B) Factor reversal test
(C) Circular test (D) Both (A) & (B)
5. The life expectancy of Nepalese at birth is :
(A) 57.5 Years (B) 53 Years (C) 60 Years (D) 50 Years