लालझाडी गाउँपालिका गरिब परिवार पहिचान तथा परिचयपत्र वितरण कार्यक्रमका लागि गणक पदको लिखित परीक्षाको पाठ्यक्रम

गणक पदको दोश्रो चरणको लिखित परीक्षाको बस्तुगत बहुवैकल्पिक परीक्षाको पाठ्यक्रम

| क्र.सं. | विषय | पूर्णाङ्क | उत्तीर्णाङ्क | परीक्षा प्रणाली | प्रश्न संख्या * अङ्कभार | समय |
|---|---|---|---|---|---|---|
| १ | प्रशासन तथा सेवा सम्बन्धी | १०० | ४० | बस्तुगत बहुवैकल्पिक (Multiple Choice) | ५०*२=१०० | ४५ मिनेट |

1. Decimal System and Percentage
    a. Integral and Fractional numbers
    b. Decimalization of Fractional numbers
    c. Approximation rules
    d. Express Fraction as a percent and Percentage as Fraction
2. Ratio and Proportion
3. Unitary Method
4. Measurement of Area
    a. Square
    b. Rectangle
    c. Circle
5. Data Sources
    a. Primary
    b. Secondary
    c. Collection, Classification and Tabulation of data (frequently distribution)
    d. Diagrammatic representation of data (Bar, Histogram and Pie)
6. Measures of Central Tendency
    a. Mean, Median and Mode

लालझाडी गाउँपालिका गरिब परिवार पहिचान तथा परिचयपत्र वितरण कार्यक्रमका लागि सुपरिवेक्षक पदको लिखित परीक्षाको पाठ्यक्रम

सुपरिवेक्षक पदको दोश्रो चरणको लिखित परीक्षाको बस्तुगत बहुवैकल्पिक परीक्षाको पाठ्यक्रम

| क्र.सं. | विषय | पूर्णाङ्क | उत्तीर्णाङ्क | परीक्षा प्रणाली | प्रश्न संख्या * अङ्कभार | समय |
|---|---|---|---|---|---|---|
| १ | प्रशासन तथा सेवा सम्बन्धी | १०० | ४० | बस्तुगत बहुवैकल्पिक (Multiple Choice) | ५०*२=१०० | ४५ मिनेट |

1. A. Source and Method of collecting data
   a. Primary Source
      i. Personal Interview of self-administered form
      ii. Observation or measurement
      iii. Mail Questionnaire or Telephone
   b. Secondary Source
      i. Published or Unpublished Statistics

   B. Collection, Classification, Presentation of Data (Frequency, Cross-tables, Bar, Histograms and Pie)
2. Measures of Central Tendency
   a. Concept, Meaning, Significance and Computation of Average (A.M., G.M. and H.M.), Median and Mode
3. Measures of Dispersion
   a. Concept, Meaning, Significance of Range, Variance, Standard Deviation, Coefficient of Variation
4. Concept of Probability and Distributions:
   a. Binomial, Poisson and Normal Distribution
5. Linear Correlation and regression:
   a. Concept of the Simultaneous variation of two variables
   b. Concept of scatter diagram
   c. Measurement of Simple Correlation
   d. Pearson's Coefficient of Correlation
   e. Simple Linear Regression
6. Elementary Concept of Sampling
   a. Methods of Enumeration: Sample Survey and Census
   b. Methods of sampling: Random and non-Random
   c. Concept and uses of Random Numbers with reference to SRS (Simple Random Sampling)
   d. Sampling and non-sampling Errors: Concept and sources
7. Index Numbers
   a. Definition and Concept
   b. Simple and Weighted Index Numbers
   c. Selection of the base year
8. Limits and Limiting Values:
   a. An intuitive idea of Limit of a Function

b. Fundamental Rules of Limit

c. Methods of Finding Limits of various Algebraic Functions

9. Differentiation

a. Definition and notion of Derivative

b. Graphic Interpretation of Derivative

c. Derivative of Simple Algebraic Function

10. Simple Integration

a. Definition and notation of Integrals

b. Basic Standard Integrals

c. Definite Integrals

11. Ratio and Proportion

a. Introduction of Ratio and Propotion

b. Direct, Indirect and Compound Proportion