

प्रदेश लोक सेवा आयोग

गण्डकी प्रदेश

प्रदेश प्रशासन सेवा, विविध समूह तथा स्थानीय प्रशासन सेवा, तथ्याङ्क समूह, अधिकृत सातौं तहको तथ्याङ्क अधिकृत पदको खुला र अन्तरतह प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

द्वितीय पत्र (Paper II): Technical Subject Section A – 20 Marks

1. Questionnaire Design, Data Collection and Processing

- 1.1 Principle of questionnaire design
- 1.2 Validity and reliability of research instruments
- 1.3 Data gathering process
- 1.4 Methods and techniques of data summarization/analysis
- 1.5 Errors in surveys and censuses: Control and measurement of errors
- 1.6 Data Quality Assessment

2. Sampling and Sampling Distributions

- 2.1 Probability and non-probability sampling
- 2.2 Probability Sampling (Simple random sampling, stratified random sampling, systematic sampling, cluster sampling and multi-stage sampling)
- 2.3 Non-probability sampling (Judgemental, convenient, quota and snowball sampling)
- 2.4 Standard error
- 2.5 Sampling distribution
- 2.6 Distribution of sample mean and proportion
- 2.7 Determination of sample size

3. Time-series Analysis

- 3.1 Components of time series
- 3.2 Analysis of time series
- 3.3 Autocorrelation and its test
- 3.4 Forecasting
- 3.5 Exponential smoothing

Section B – 30 Marks

4. Economics

- 4.1 Endogenous and exogenous variables
- 4.2 Absolute and relative change
- 4.3 Concept of marginal and elasticity
- 4.4 Consumption function, saving, capital formation, capital output ratio
- 4.5 Cobb-Douglas production function and its application

5. National Accounts Statistics of Nepal

- 5.1 System of National Accounts (SNA) – Importance and uses
- 5.2 Macroeconomic aggregates – Nominal and Real GDP, GNI, Consumption, Saving
- 5.3 Supply and use table

6. Price and Indexes

- 6.1 Wholesale price, retail price, producers' price
- 6.2 Consumers Price index (CPI)
- 6.3 Producers price index (PPI)

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- 6.4 Agricultural Production Index
- 6.5 Manufacturing Production Index
- 6.6 Manufacturing Producers Price Index
- 7. Public Finance, Money and Banking Statistics**
 - 7.1 Major sources of data
 - 7.2 Revenue statistics
 - 7.3 Money and banking statistics
 - 7.4 Balance of Payment (BOP)

Section C – 30 Marks

- 8. Agriculture, Fishery and Forestry Statistics of Nepal**
 - 8.1 Major sources of agricultural statistics
 - 8.2 Agricultural censuses
 - 8.3 Current agricultural statistics – importance and problems
 - 8.4 Food balance sheet
 - 8.5 Forestry statistics
 - 8.6 Objectives, targets and strategies of Agriculture Perspective Plan (APP)
- 9. Industry, Trade and Service Statistics of Nepal**
 - 9.1 Major sources of data
 - 9.2 Censuses and surveys of manufacturing establishments
 - 9.3 Internal and international trade statistics
 - 9.4 Energy statistics
 - 9.5 Irrigation and water statistics
 - 9.6 Other establishment surveys
- 10. Statistical System of Nepal**
 - 10.1 National statistical system
 - 10.2 Statistics Act, 2079 and statistical Regulation
 - 10.3 Major statistical agencies
 - 10.3.1 National Statistical Office and its role as a central statistical agency
 - 10.3.2 Ministries and other government agencies related to statistical activities
 - 10.4 Statistical functions of Nepal Rastra Bank
 - 10.5 Statistical functions of universities and Non-governmental organizations
- 11. Miscellaneous**
 - 11.1 Environmental statistics
 - 11.2 Tourism statistics
 - 11.3 Gender statistics
 - 11.4 Data services
 - 11.5 Big data
 - 11.6 Open data
 - 11.7 Databank
 - 11.8 Electronic dissemination
 - 11.9 Introductory GIS
 - 11.10 Spatial data, digital data

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Section D – 20 Marks

12. Human Development and Poverty Statistics

- 12.1 Latest HD status and poverty situation of Nepal
- 12.2 Sustainable Development Goals
- 12.3 Major sources of poverty statistics
- 12.4 Poverty measuring practices in Nepal
- 12.5 Latest Nepal Living Standard Survey (NLSS)

13. Social Statistics

- 13.1 Major sources of social statistics
- 13.2 Health Indicators
- 13.3 Gross enrollment ratio (GER), Net enrollment ratio (NER), and other educational statistics

14. Labor and Employment

- 14.1 Labor force, employment, underemployment, unemployment
- 14.2 Major sources of labour and employment statistics
- 14.3 Nepal Labour Force Surveys
- 14.4 Child labour

15. Population Statistics of Nepal

- 15.1 Major sources of population data
- 15.2 Population censuses of Nepal
- 15.3 Composition and distribution of population
- 15.4 Fertility, Mortality, Migration, Marriage and Divorce
- 15.5 Population growth and population projection

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प्रथम चरणको लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र लिइने
सामूहिक परीक्षण(Group Test) को लागि

सामूहिक छलफल (Group Discussion)

यस प्रयोजनको लागि गरिने परीक्षण १० पूर्णाङ्क र ३० मिनेट अवधिको हुनेछ जुन नेताविहिन सामूहिक छलफल (Leaderless Group Discussion) को रूपमा अवलम्बन गरिने छ । दिइएको प्रश्न वा Topic का विषयमा पालैपालोसँग निर्दिष्ट समयभित्र समूहबीच छलफल गर्दै प्रत्येक उम्मेदवारले व्यक्तिगत प्रस्तुति (Individual Presentation) गर्नु पर्नेछ । यस परीक्षणमा मूल्याङ्कनको लागि देहाय अनुसारको ३ जना भन्दा बढीको समिति रहनेछ ।

आयोगका अध्यक्ष वा निजले तोकेको सदस्य	- अध्यक्ष
आयोगका सदस्य	- सदस्य
दक्ष/विज्ञ (१ जना)	- सदस्य

सामूहिक छलफलमा दिइने नमूना प्रश्न वा Topic

उदाहरणको लागि - उर्जा संकट, गरीबी निवारण, स्वास्थ्य बीमा, खाद्य सुरक्षा, प्रतिभा पलायन जस्ता Topics मध्ये कुनै एक Topic मात्र दिइनेछ ।