

**द्वितीय पत्र (Paper II): Technical Subject**

**Section A – 20 Marks**

1. **Data Collection and Processing Activities**
  - 1.1 Data gathering process
  - 1.2 Questionnaire design
  - 1.3 Methods and techniques of data summarization/analysis
  - 1.4 Errors in surveys and censuses: Control and measurement of errors
  - 1.5 Quality evaluation of data
2. **Sampling Methods and Distributions**
  - 2.1 Simple random sampling
  - 2.2 Stratified random sampling
  - 2.3 Systematic sampling
  - 2.4 Cluster sampling
  - 2.5 Standard errors
  - 2.6 Sampling distribution
  - 2.7 Distribution of sample mean
  - 2.8 Student's t and chi-square distribution
3. **Time-series Analysis**
  - 3.1 Components of time series
  - 3.2 Autocorrelation and its test
  - 3.3 Forecasting

**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
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
6. **Price and Indexes**
  - 6.1 Wholesale price, retail price, producers price
  - 6.2 Consumers Price index (CPI)
  - 6.3 Agricultural Production Index
  - 6.4 Manufacturing Production Index
  - 6.5 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 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 Major statistical agencies
    - 10.2.1 Central Bureau of Statistics and its role as a central statistical agency
    - 10.2.2 Ministries and other government agencies related to statistical activities
  - 10.3 Statistical functions of Nepal Rastra Bank
  - 10.4 Statistical functions of universities and Non-governmental organizations
  - 10.5 Existing Statistical act and regulation
11. **Miscellaneous**
  - 11.1 Environment statistics
  - 11.2 Tourism statistics
  - 11.3 Gender statistics
  - 11.4 Data services
  - 11.5 Databank
  - 11.6 Electronic dissemination
  - 11.7 Introductory GIS
  - 11.8 Spatial data, digital data

**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 Nepal Living Standard Survey (NLSS)
13. **Social Statistics**
  - 13.1 Major sources of social statistics
  - 13.2 Health Indicators
  - 13.3 GER, 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 ISIC, ISOC, NSOC
- 14.5 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
  - 15.5 Population growth and population projection
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PUBLIC SERVICE COMMISSION

लोक सेवा आयोग  
नेपाल आर्थिक योजना तथा तथ्याङ्क सेवा, तथ्याङ्क समूह, राजपत्राङ्कित तृतीय श्रेणीका पदहरूको खुला प्रतियोगितात्मक  
परीक्षाको पाठ्यक्रम

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 जनाको समिति रहनेछ।

आयोगका अध्यक्ष वा सदस्य	-	अध्यक्ष
मनोविज्ञ	-	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 मध्येकुनै एक Topic मात्र दिइनेछ।