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)

   9.1 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
सामूहिक परीक्षण (Group Test) को लागि

सामूहिक छलफल (Group Discussion)

यस प्रयोजनको लागि, परीक्षण १० पूर्णांक र ३० मिनेट अवधिको हुनेछ जुन नेताविभिन्न सामूहिक छलफल (Leaderless Group Discussion) को रूपमा अवलम्बन गरिने छ। दिदिएको प्रश्न वा Topic का विषयमा पालैगलोसंग निर्दिष्ट समयभित्र समूहबीच छलफल गर्ने प्रत्येक उमेदवारको उपस्थिति, प्रस्तुति (Individual Presentation)गर्नु पर्नेछ। यस परीक्षणमा मूल्याङ्कनको लागि देखाय अनुसारको तार्किक वाङ्ग बढीको सम्भव रहनेछ।

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सामूहिक छलफलमा दिनना नमुना प्रश्न वा Topic

उदाहरणको लागि - उर्जा सक्रिय, गरीबी निवारण, स्वास्थ्य कीमो, खाद गुण, प्रतिभा पतलाइन जस्ता Topics मध्ये हुने एक Topic मात्र दिइनेछ।