

सामाजिक सुरक्षा कोष
विविध सेवा, योजना तथा तथ्याङ्क समूह, आठौँ तह, बरिष्ठ सहायक निर्देशक पदको खुला र आन्तरिक
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

द्वितीय पत्र: सेवा सम्बन्धी

खण्ड क - ५० अङ्क

(३ प्रश्न × १० अङ्क र १ प्रश्न × २० अङ्क)

1. तथ्याङ्क व्यवस्थापनका आधारभूत विषयहरू
 - 1.1 अभिलेख व्यवस्थापनका आधारभूत पक्षहरू
 - 1.2 सामाजिक सुरक्षाको प्रशासनिक अभिलेख व्यवस्थापन तथा यसको तथ्यांकीय महत्व
 - 1.3 व्यवस्थापन सूचना प्रणाली
 - 1.4 सामाजिक सुरक्षा व्यवस्थापनमा जीवन तालिका (Life Table)
 - 1.5 योजना तर्जुमा, अनुगमन, मुल्याङ्कन तथा पृष्ठपोषण
 - 1.6 तथ्यांक / डाटा प्रशासन
 - 1.7 अनुसन्धान विधिका आधारभूत पक्षहरू
2. **Introduction to Statistical System**
 - 2.1 Fundamental Principles of Official Statistics
 - 2.2 National Statistical System and major statistical agencies of Nepal
 - 2.3 Statistics Act, 2015 and Statistics Regulation, 2041
 - 2.4 National Strategy for the Development of Statistics, 2075
3. **Data collection, Instruments and Classification**
 - 3.1 Types of data and data gathering process
 - 3.2 Survey and Census
 - 3.3 Use of information technology in statistics
 - 3.4 Nepal standards statistical classifications
4. **Data Summarization, Basic output and Data Quality**
 - 4.1 Scope and methods of data summarization
 - 4.2 Importance of infographics
 - 4.3 Basic descriptive statistics
 - 4.4 Measurement and scales
 - 4.5 Data validation and Measuring errors
5. **Probabilty, Sampling Methods and Statistical Tests**
 - 5.1 Random variables, events and probability
 - 5.2 Basic of probabily distribution
 - 5.3 Types of sampling, Sampling distribution and standard errors
 - 5.4 Tests of Hypothesis
 - 5.5 T-test, F-test, Z-test ANOVA, Chi-Square Test
 - 5.6 Basic non-parametic tests

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6. **Correlation, Regression and Time Series Analysis**
 - 6.1 Meaning and types of correlation
 - 6.2 Coefficient of determination
 - 6.3 Meaning and types of regression
 - 6.4 Types of time series
7. **Economic Statistics**
 - 7.1 Scope and sources of economic statistics
 - 7.2 Basic national accounts : concepts and parameters
 - 7.3 Monetary and banking statistics
 - 7.4 Balance of payments and its basic indicators
 - 7.5 Services sectors statistics
 - 7.6 Economic and Agriculture census of Nepal
8. **Social and Labor Market Statistics**
 - 8.1 Scope of social statistics
 - 8.2 Education, health and social indicators and their policy perspective
 - 8.3 Measuring the labor force and employment
 - 8.4 Labor market indicators
 - 8.5 Sustainable development goals and its indicator framework
 - 8.6 Human development related indices
9. **Population Statistics**
 - 9.1 Composition and distribution of population
 - 9.2 Population projection
 - 9.3 Population census of Nepal
 - 9.4 Social security and population data
 - 9.5 Civil registration and vital statistics
 - 9.6 Demographic dividend
10. **Social Security and related indicators**
 - 10.1 Inventory management of social security scheme
 - 10.2 Indicators and sources of social security statistics
 - 10.3 Monitoring mechanism of social security scheme
 - 10.4 Open data principles in the context of social security management