

SUBJECT SPECIFIC SYLLABUS FOR SENIOR INVESTIGATOR:

A. Economics

- Microeconomics and Macroeconomics (Basic and Applied)
- Development Economics
- Urban and Regional Economics
- Public Finance and Policy
- Labour Economics and Employment Studies
- Poverty, Inequality and Inclusive Growth
- Housing Economics
- Economic Survey and Budget Analysis
- Indian Economy – Urbanization Trends and Issues

B. Statistics

- Descriptive and Inferential Statistics
- Sampling Techniques and Survey Methods
- Probability Theory and Distributions
- Hypothesis Testing and Statistical Inference
- Regression and Correlation Analysis
- Time Series Analysis
- Use of Statistical Software (e.g., SPSS, R, STATA – conceptual knowledge)
- Data Interpretation and Report Writing
- Application of Statistics in Urban and Socio-economic Studies

C. Sociology

- Urban Sociology and Social Stratification
- Social Demography and Population Studies
- Research Methodology (Qualitative and Quantitative)
- Gender and Development
- Poverty, Inequality, and Social Exclusion
- Migration and Urbanization
- Community Development and Participatory Approaches
- Sociology of Housing and Slums
- Indian Society and Social Policies

D. Geography

- Physical Geography
- Urban Geography and Settlement Systems
- Population and Demographic Studies
- Human Geography and Regional Planning
- Urban Land Use and Housing
- Geographic Information System (GIS) – Concepts and Applications
- Remote Sensing (Basic Concepts)/Statistical Geography
- Environmental Geography and Sustainability
- Cartography and Survey Methods
- Urban Infrastructure and Services

3. Urban Issues and Governance (DUSIB Specific Awareness)

(To assess awareness about the context of the job role in DUSIB)

- Urban Poverty and Housing in India
- Slum Development and Rehabilitation
- Informal Settlements and Migration
- Policies and Schemes for Urban Poor (PMAY, JnNURM, NULM, etc.)
- Role of DUSIB and other Urban Development Bodies (DDA, MCD, etc.)
- Socio-economic Surveys and Slum Profiling
- Inclusive Urban Planning
- Shelter Rights and Urban Governance