

7. **Developing a Model of Distribution & Growth:** A growth model for segmented economy like ours; Simulating growth and distribution pattern: Redistribution through growth. Some case studies.

Paper II

Part A: Research Methodology and Econometrics

1. **Introduction:** Meaning of research – objectives of Research – types of Research – Research methods vs. Research process – Criteria of a good Research.
2. **Logic in Analysis:** Role of logic in research – Inductive method – Deductive method – Turtle Table – Logical analysis.
3. **Research Problems, Hypotheses and Objectives:** Problematic situation vs. researchable problem – Characteristics of hypotheses – Objective of research – Characteristics of Objectives.
4. **Research Design:** Meaning of Research Design – Need for research design – Features of a Good Design – Components of research design – Different researches on design.
5. **Sampling Design:** Census and Sample survey – Steps in sampling design – Characteristics of a good sample design – Different types of sample designs – How to select a random sample.
6. **Methods of data collection:** Secondary vs. Primary data – Different methods of collecting Primary data – Guidelines for constructing Questionnaires. Difference between survey and experiments.
7. **Processing and Analysis of Data:** Processing Operation – editing – coding – classification – tabulation – Types of analysis – Statistics in research.
8. **Sampling Distribution:** Importance of sampling distribution – Statistic vs. Parameter – Sampling error – Different Sampling distributions –
 - (i) Sampling distribution of Mean,
 - (ii) Sampling distribution of parameters
 - (iii) Student's t-distribution
 - (iv) F-distribution
 - (v) χ^2 distribution

Central limit theorem – Testing of Hypothesis of different types.
9. **Interpretation and Report Writing:** Why Interpretation? Precautions in Interpretation – Signification of Report Writing – Different steps in report writing.

10. **Introduction to Econometrics:** What is econometrics? Deterministic and Stochastic Models – Reasons for including the disturbance term – Estimates and estimators – Interpreting a regression equation.
11. **Criteria of Estimators**
12. **The classical Linear regression Model**
13. **Multicollinearity**
14. **Heteroscedasticity**
15. **Autocorrelation**

Books Recommended:

1. Johan B. Lasing and James N. Morgan, *Econometric Methods*.
2. W. G. Cochran, *Sampling Techniques*.
3. H.M. Blalock and R.B. Blalock (ed.) *Methodology in Social Research*.
4. C.R.Kothari, *Introduction to Research Methodology*.
5. Chris, O. Andrew et. Al. (1982). *Planning and Research*, Westview Production, Colorado.
6. Clarine Seltiz et. al. (1976). *Research Methods in Social Relations*, New York.

Part B: Selected Issues in Bangladesh Economy

1. **The World food system: an economic perspective**
2. **Agricultural labor**
3. **Resource mobilization through taxation**
4. **Public enterprise**
 - a. Causes: Why do they exist? Theory and International Comparison.
 - b. Consequence: How do they perform?
 - c. Performance Explanation: Interaction of Politics, Economic System and Enterprise.
 - d. Performance Explanation: Role of Structure.
 - e. Performance Explanation: Alternative Theories of the Firm.
 - f. Enterprise Cases: Perspective of Manager and controllers.

Books Recommended:

1. Habib Zafarullah, M.A. Taslim and Anis Chowdhury, *Policy Issues in Bangladesh*. The University Press Ltd., Dhaka, 1995.
2. S.R. Osmani and M.A. Quasem, *Pricing and Subsidy Policies for Bangladesh Agriculture*, BIDS, Dhaka, 1990.
3. Clarence Maloney and A.B. Shafuddin Ahmed, *Rural Saving and Credit in Bangladesh*, The University Press Ltd., 1988.

4. Mohiuddin Khan Alamgir (ed.), *Land Reform in Bangladesh*, Center for Social Studies, Dhaka, 1981.
5. কামাল সিদ্দিকী, *বাংলাদেশে ভূমিসংস্কারের রাজনৈতিক অর্থনীতি*, (Political Economy of Land Reform in Bangladesh), বাংলাদেশ উন্নয়ন গবেষণা সংস্থা, ঢাকা, ১৯৮১.
6. Kamal Siddiqui, *The Political Economy of Rural Poverty in Bangladesh*, National Institute of Local Government, Dhaka, 1987.
7. মাহবুব হোসাইন, *বাংলাদেশে পল্লী উন্নয়ন সমস্যা ও সম্ভাবনা* (The Problems and Prospects of Rural Development in Bangladesh), BIDS, Dhaka, 1986.
8. Krishna Bharadwaj, *Labor Markets, Employment Policies and the Dynamics Development*, BIDS, Dhaka, 1992.
9. Parnab Bardhan (ed.), *The Economic Theory of Agrarian Institutions*. Clarendon Press, Oxford, 1989.
10. Ashok Mitra, *Stagnation, Agrarian Structure and Credit*, BIDS, Dhaka, 1990.
11. D. M. Diwakar, *Agriculture and Industry: The Dynamics of Imbalances in India*, Manak Publications Pvt. Delhi, 1991.
12. Atiur Rahman, *কৃষিপ্রশ্ন* (Agriculture Question). The University Press Ltd. Dhaka, 1989.
13. V. B. Jugale, *Theories of Agriculture Finance*, Atlantic Publishers and Distribution, New Delhi, 1991.
14. Ashok Rudra, *Political Economy of Indian Agriculture*, K. P. Bagchi & Company, Calcutta & New Delhi, 1992.
15. Rehman Sobhan and Muzaffer Ahmed, *Public Enterprise in an Intermediate Regime: A Study in the Political Economy of Bangladesh*, BIDS, 1980.

Ph.D Program (Sessions: 2019-2020 and 2020-21)

The candidates for the Ph.D. degree should take paper II of the M Phil. Program and any other course of 100 marks as a Ph.D. Course depending upon the candidate's area of interest. The treatment in case of Ph.D. courses will be more rigorous and advanced.