



RAJIV GANDHI NATIONAL UNIVERSITY OF LAW, PUNJAB
(Established under Punjab Act No. 12 of 2006)
(Accredited with 'A' Grade by NAAC)

RGNUL Ph.D. PROGRAMME **(ECONOMICS)**

Syllabus for Entrance Test

PART-I

RESEARCH METHODOLOGY

1. Introduction and Meaning of Research: Nature and Scope of Research.
2. Research Methods in Social Sciences: Need for separate approach, objective of Research in Social Sciences, Importance.
3. Types of Research: Pure and Applied, Quantitative and Qualitative, Descriptive and Analytical.
4. Research Design: Meaning, Scope, Research design for descriptive, Exploratory and Experimental designs, case study.
5. Research Hypothesis: Types, Formulation of Hypothesis.
6. Literature Review: Purpose of Review of literature, Sources of literature review, Methods for Review.
7. Research Gap and Research Problems: Identification of Research Problems, Identification of Research gaps, formulation of research objectives and Research Questions.
8. Data Collection: Sources of Data- Primary and Secondary, Use of library sources in secondary Data, Field Survey, Interview and Questionnaire Method's.
9. Sampling techniques: Types of Sampling, Methods of Sampling, Determination of Sample size.
10. Data Processing: Presentation and Tabulation of Data, Use of one Dimensional and Two Dimensional diagrams for presentation of data, Tally, Frequency Table, Ogives, Scattered Diagram.
11. Data Analysis: Use of Statistical Tools for data analysis, Precautions to be taken while using statistical tools.
12. Types of Statistical Tools: Central Tendency, Dispersion, Correlation, Regression Analysis.
13. Tests of significance: Tests for validity of Hypothesis, Anova, Chi-square test, F-test, T-test, Test of goodness of fit.
14. Preparation of Report: Types of Report, Report Writing, essentials of a good report, significance of writing skills in research.



Suggestive Reference Books for Part-I

1. S.P. Gupta, *Statistical Methods*, S Chand and Sons, Educational Publishers, New Delhi.
2. RGD Allen, *Statistical Economics*, Hutchinson University, UK
3. CR Kothari, *Research Methodology: Methods and Techniques*, New Age International Publishers, New Delhi.
4. Don E. Ethridge, *Research Methodology in Applied Economics*, Blackwell Publishing Company, New York.
5. BN Ghosh, *Scientific Methods and Social Research*, Sterling Publishers, Private Ltd, N.D.
6. BS Asthana and Braj Bhushan, *Statistics for Social Sciences*, PHI Learning Pvt. Ltd. New Delhi.
7. P.C. Tripathi, *A Textbook of Research Methodology in Social Sciences*, Sultan Chand and Sons, New Delhi.
8. Greenlaw Steven, *Doing Economics: A Guide to Understanding and Carrying Out Economic Research*, Houghton Mifflin, Boston.
9. S.C. Srivastava, *Foundation of Social Research and Economics Techniques*, Himalaya Publishing House, New Delhi.
10. HD Sharma and S.P. Mukherjee, *Research Methods in Economics and Business*, the Macmiller Company, New York.

PART-II

Microeconomics

1. Demand Analysis – Marshallian Analysis, Samuelson's Revealed Preference Hypothesis
2. Theory of Production and Costs – Laws of Returns, Cost Analysis in Short and Long Run
3. Pricing under different market structures – Perfect and Imperfect Competition, Equilibrium Pricing
4. Factor Pricing – Marginal Productivity Theory, Classical and Modern Theory of Rent, Rate of Interest

Macroeconomics

5. Theory of Income and Employment – Classical and Keynesian approach
6. Consumption analysis – Permanent Income Hypothesis, Life Cycle Hypothesis, Fundamental Law of Consumption
7. Demand and Supply of Money – Classical and Keynesian approaches to Demand for Money, Money Multiplier, Monetary Policy, High Powered Money
8. Business Cycles and Rational Expectations Hypothesis



Development Planning and International Trade

9. Concept of Sustainable Development and measurement of Economic Development
10. Growth Models – Harrod Domar model, Solow’s Model, Balanced and Unbalanced Growth Theories
11. International Trade Theories and Concerns – Classical and Modern Theory, Balance of Payments problem
12. WTO and International Organizations – Trade agreements under WTO, Role of International Funding Institutions in international liquidity

Indian Economics

13. Sectoral Growth – Agriculture, Industry and Tertiary Sector in India
14. Economic Issues –Poverty, Inflation, Unemployment and Black Income
15. Planning Process – Five Year Plans, National Development Council, Planning Commission and NITI Aayog
16. Public Finance – Public Revenue and Expenditure, Tax policy and tax reforms

Suggestive Reference Books for Part-II

1. Ahuja, H.L., *Advanced Economic Theory: Micro Economic Analysis*, S. Chand and Co. Ltd., New Delhi.
2. Koutsoyiannis, A., *Modern Microeconomics*, MacMillan Press Ltd, London.
3. Pindyck Robert et.al., *Microeconomics*, Pearson Education, London
4. M.L. Jhingan, *Macro Economic Theory*, Vrinda Publications, New Delhi
5. Mankiw, N.G., *Macroeconomics*, Macmillan Publishing Company, London
6. M.L Taneja and R. M. Myer, *Economics of Development and Planning*, Shoban Lal Nagin Chand and Company, Jalandhar
7. Michael P. Todaro and Stephen C. Smith, *Economic Development*, Pearson Education, London
8. Paul Krugman, *International Economics: Theory and Policy*, Pearson Education, India
9. Dominick Salvatore, *International Economics: Trade and Finance*, Wiley Publishing, London
10. Ruddar Dutt and K.P.M Sundharam, *Indian Economy*, S.Chand Publications, New Delhi,
11. P.K Dhar, *Indian Economy and Its Growing Dimensions*, Kalyani Publishers, Ludhiana



12. Richard Musgrave, *Public Finance in Theory and Practice*, Mc Graw Hill Publishing House London
13. V. K Puri and S.K.Misra, *Indian Economy*, Himalaya Publishing House, Thirty Third Revised Edition, New Delhi
14. K.P.M. Sundharam, *Money, Banking and International Trade*, S. Chand & Sons, New Delhi.