Syllabus for Ph.D Entrance Test in Economics

Part-A: Research Methodology

Module – 1: Research and Research Process
Research Meaning, Characteristics; Typcs; Criteria of Good Research, Subjectivity V/s Objectivity; Ethical Issues in Research, Research Process – Research Problem; Identification of the Problem, Review of Literature, Sources of Literature; Developing Objectives. Hypothesis, Research Design; Meaning and Types.

Module – 2: Data collection, Processing and Analysis of Data

Part –B: Economics

Module 3 : Micro Economic Analysis

Module 4 : Macro Economic Analysis

Module 5 : Public Economics

Module - 6: Growth and Development Economics
Market failure, Vicious circle of poverty and Sustainable Development.

Module - 7: International Economics

Theories of International trade - Classical and modern; Recent Developments in International Trade Theories- Product cycle theory. Concepts of Terms of trade Equilibrium / Disequilibrium in Balance of Payments- Trade Multiplier, Recent Monetary reforms, Functions and working of IMF, IBRD and WTO. SAARC, BRIC, Policy implications with reference to India.

Module - 8: Quantitative Techniques in Economics

Linear and Non-linear Functions, Limits and Derivatives – Application in Maxima and Minima, Matrix - Types and concept of Inverse of matrix, Differential Equations and Simultaneous Equation model – Cramer’s Rule. Measures of Central Tendency, Dispersion, Correlation and Regression Techniques for economic analysis.

Module – 9: Money and Banking


Module -10: Indian Economic Policy

Main features of Indian Economy, India Population: size, composition, and population policy, Occupational distribution and rural urban migration, Problems of poverty, Unemployment, Inequality and Regional imbalance, Parallel economy in India, Land Reforms in India - Technological Change in Agriculture- Agricultural Price Policy, Globalization of Indian Economy, W.T.O and its Impact on Economy, Fiscal Federalism in India, Major Taxes in India and Niti Ayog in India.

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