



**JAIN (Deemed-to-be University), School of Humanities and Social Sciences
Department of Economics**

**Ph.D. Entrance Examination Syllabus - 2022
Economics**

Module I: Micro Economics

- Theory of Consumer Behaviour
- Theory of Production and Costs
- Market Structures
- Factor Pricing
- Managerial Theories of Firm
- General Equilibrium Analysis
- Welfare Economics: Fundamental Theorems, Social Welfare Function

Module II: Macro Economics

- National Income: Concepts and Measurement
- Determination of output and employment: Classical & Keynesian Approach
- Consumption Function
- Investment Function
- Multiplier and Accelerator
- Demand for Money
- Supply of Money
- IS – LM Model Approach
- Inflation and Phillips Curve Analysis
- Business Cycles

Module III: Public Economics

- Market Failure and Remedial Measures: Asymmetric Information, Public Goods, Externality
- Public Revenue: Tax & Non-Tax Revenue, Direct & Indirect Taxes, Progressive and non-Progressive Taxation, Incidence and Effects of Taxation
- Public expenditure
- Public Debt and its management
- Public Budget and Budget Multiplier
- Fiscal Policy and its implications

Module IV: International Economics

- International Trade: Basic concepts and analytical tools
- Theories of International Trade
- International Trade under imperfect competition

- Exchange Rate: Concepts and Theories
- Foreign Exchange Market and Arbitrage
- Gains from Trade, Terms of Trade, Trade Multiplier
- Tariff and Non-Tariff barriers to trade; Dumping
- GATT, WTO and Regional Trade Blocks; Trade Policy Issues
- IMF & World Bank

Module V: Economics of Growth and Development

- Economic Growth and Economic Development
- Indicators of Economic Development
- Theories of Economic Development: Adam Smith, Ricardo, Marx, Schumpeter, Rostow, Balanced & Unbalanced growth, Big Push approach.
- Models of Economic Growth: Harrod-Domar, Solow, Robinson, Kaldor
- Poverty and Inequalities – Concepts and Measurement
- Social Sector Development: Health, Education, Gender

Module VI: Indian Economics

- Primary Sector-Trends and growth, Policy measures
- Secondary sector- Trends and growth, Policy measures
- Service sector: Pattern & Structure of Growth, Policy Responses
- Rural Development – Issues & Policy Measures
- Urban Development – Issues, Challenges and Policy Responses
- Infrastructure Development: Physical and Social; Public-Private Partnerships
- Centre-State Financial Relations and Finance Commissions of India; FRBM

Module VII: Money and Banking

- Components of Money Supply
- Central Bank
- Commercial Banking
- Instruments and Working of Monetary Policy
- Non-Banking Financial Institutions
- Capital Market and its Regulation

Module VIII: Statistics

- Probability Theory: Concepts of probability, Distributions, Central Limit theorem
- Descriptive Statistics – Measures of Central tendency & Dispersions, Correlation, Index Numbers
- Sampling methods & Sampling Distribution
- Statistical Inferences, Hypothesis testing
- Time Series Analysis