

PATLIPUTRA UNIVERSITY, PATNA

SUBJECT -ECONOMICS

PRE-PH.D TEST- SYLLABUS

UNIT-1 MICRO AND MACRO ECONOMIC ANALYSIS

1. Theory of Consumer Behaviour
2. Theory of Production and Cost
3. Market Structures-Competitive and Non-Competitive Equilibrium, and their Efficiency Criteria
4. Factor Pricing
5. General Equilibrium Analysis
6. Efficiency Criteria: Pareto-Optimality, Kaldor-Hicks and Wealth Maximisation
7. Welfare Economics: Fundamental Theorems, Social Welfare Function
8. Alternative Theories of Firm- Baumol's Model, Williamson, and Full Cost Pricing Models, Bain's Limit Pricing, Behavioural Model of Cyert and March
9. Asymmetric Information- Adverse Selection and Moral Hazard
10. National Income: Concepts and Measurement
11. Determination of Output and Employment: Classical and Keynesian Approach
12. Consumption Function, Investment Function, Multiplier and Accelerator
13. Demand for Money & Supply of Money, Components of Money Supply
14. IS-LM Model Approach
15. Inflation and Phillips Curve Analysis
16. Monetary Policy, Instruments of Monetary Policy and its working and Fiscal Policy
17. Business Cycles
18. Rational Expectation Hypothesis and its Critique
19. Central Bank & Commercial Banking, Non Banking Financial Institutions, Capital Market and its Regulation

UNIT-2 MATHEMATICAL & STATISTICAL METHODS

1. Functions and Equations, Differential Calculus and its Application

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5. Public Debt and its Management
6. Public Budget and Budget Multiplier
7. Fiscal Policy and its Regulation.
8. Fiscal Federalism, Centre-State Financial Relation, Finance Commissions of India, FRBM
9. International Trade: Basic concepts and Analytical tools, Theories of International Trade.
10. International Trade under Imperfect Competition
11. Balance of Payments: Structure, Direction & Composition, Equilibrium, Disequilibrium and Adjustment Mechanism
12. Gains from Trade, Terms of Trade, Trade Multiplier
13. Exchange Rate: Concepts and Theories
14. Foreign Exchange Markets and Arbitrage
15. Tariff and Non-Tariff Barriers to Trade, Dumping
16. GATT, WTO and Regional Trade Blocks, Trade Policy Issues, IMF & World Bank

UNIT- 5 GROWTH & DEVELOPMENT ECONOMICS

1. Economic Growth and Economic Development, Pattern and Structure of Economic Growth in India
2. Theories of Economic Development: Adam Smith, Ricardo, Marx Schumpeter, Rostow, Balanced & Unbalanced Growth, Big Push Approach
3. Models of Economic Growth: Harrod-Domar, Solow, Robinson, Kaldor
4. Technical Progress-Disembodied & Embodied, Endogenous Growth
5. Indicators of Economic Development: PQLI, HDI, SDGs, HI by NITI AYOJ
6. Poverty and Inequality and Unemployment-Concepts and Measurement
7. Social Sector Development: Health, Education, Gender
8. Cost –Benefit Analysis, Project Evaluation-Investment Criteria
9. Pattern & Structure of Growth, Challenges, Policy Responses of Agriculture, Industry, Services & Infrastructure Development of India.
10. Demographic Dividend

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