

(With Effect from 2010-2011)
NIZAM COLLEGE (AUTONOMOUS)
OSAMANIA UNIVERSITY, HYDERABAD
B.A 1st YEAR – ECONOMICS
SEMESTER-I
PAPER-I: MATHEMATICS FOR ECONOMISTS

Module-I

Introduction and some Basic Concepts: - Importance of quantitative tools for economic analysis- Uses and limitations of quantitative techniques in economic analysis –Variable-Constants-Parameters-Coefficients, Equations and Identities-Types of Functions: Linear, Quadratic and Cubic function.

Module-II

Matrices and Determinates:- The fundamentals of matrix algebra- types of matrix addition and multiplication-Matrix inversion-properties of determinants-Cramer’s Rule for solving simultaneous linear equation.

Module-III

Differential Calculus:- Concept of derivative –Rules of differentiation-Differentiation of Algebraic-Exponential, Logarithmic function- Maxima and Minima – Partial Differentiation.

Module-IV

Applications: - Demand, Supply function- Equilibrium – Measurement of elasticity – Geometry of cost curves – Consumptions function – savings function Derivation of Multiplier.

Reference:

1. A C ChiangFundamental Methods of Mathematical Economics (IIIed)
2. Caroline DinwiddyElementary Mathematics for Economists
3. Arora and Bagga..... Mathematics for Commerce and Economics
4. RGD Allen..... Mathematical Analysis for Economists
5. Dowling..... Mathematical Economics

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NIZAM COLLEGE (AUTONOMOUS)
OSAMANIA UNIVERSITY, HYDERABAD
B.A IST YEAR – ECONOMICS
SEMESTER-II
PAPER-II: STATISTICS FOR ECONOMISTS

Module-I

Introduction to statistics: - Role of statistics in economics –Introduction to data analysis: Frequency Distribution, Histogram, Frequency Polygon, Types of frequency curves, Lorenz curves.

Module-II

Measures of Central Tendency:- Introduction and meaning- Arithmetic Mean: Simple, Computation and properties- median: Concept, computation and Properties- Mode: Concept and Uses of Geometric Mean and Harmonic Mean –Merits and Demerits of various methods of central Tendency.

Module-III

Measures of Dispersion:- Introduction and Meaning –Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Variance and Standard Deviation- Standard Deviation of Combined series – Co-efficient of Variation _uses and Limitations

Module-IV

Relationships:- Correlation Analysis: Concept, Meaning and Types of Correlation-Methods of studying Correlation –Karl Person’s co-efficient of correlation- Rank Correlation- Regression Analysis: Introduction, Simple Regression equation

Reference:

1. Agarwal, Bhardwaji and Gupta.....Statistics and Qantitave Techniques
2. Gupta and Kapoor.....Fundamental of Applied statistics
3. SC Gupta.....Fundamental of Statistics
4. SP Gupta..... Elementary Statistics Methods
5. G.S Monga.....Mathematics and Statistics for Economics

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NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD
B.A II YEAR – ECONOMICS
SEMESTER-III
PAPER-II: MICROECONOMICS-1

Module-I

Definitions of Economics and Micro Economics- Positive and Normative Science— Inductive and Deductive Methods – Static and Dynamic Analysis—Partial and General Equilibrium Analysis—Nature and Scope of Micro Economics

Module-II

Utility Analysis: Diminishing Marginal Utility, Equi-marginal Utility – Law of Demand, Elasticity of Demand: Price, Income and Cross, Measurement of Elasticity of Demand— Indifference Curve Analysis: Definitions, Properties of Indifference Curves, Budget Line, Consumer Equilibrium, Price Effect, Income Effect, Substitution Effect – Consumer's Surplus

Module-III

Theory of Production: Law of Diminishing Returns, Three Stages of Law of Variable Proportions – Isoquant Analysis, Properties, Optimum Input Combinations, Expansion Path, Returns to Scale, Ridge Lines

Module-IV

Cost Analysis: Money Cost, Real Cost, Opportunity Cost, Fixed Cost and Variable Cost, Short and Long Run Curves, Total, Average and Marginal Cost Curves, Technical and Non Technical Economies and Diseconomies, Advertisement and Promotional Cost—Revenue analysis: Total Average and Marginal Revenue Curves – Law

Reference:

1. Richard G. Lipsey: An Introduction to Positive Economics
2. Koutsoyoni: Modern Micro Economics
3. Stoneier and Hague: The Text Book of Economic Theory
4. Mansfield: Micro Economics
5. Dominic Salvatore: Micro Economic Theory
6. Bell & Tadoro: Economic Theory
7. W. J Baumol: Economic Theory and Operation Analysis
8. K.C. Roy Choudary: Micro Economics
9. Henderson & Quandt: Micro Economic Theory –A Mathematical Approach
10. Richard H. Leftwich: The Price System and Resource Allocation
11. George J. Stigler: They Theory of Price
12. H.S Agarwal: Advanced Economic Theory
13. Watson D C: Price Theory and Its Uses
14. Chopra P N: Micro Economic Theory and Welfare Economics

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**NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD
B.A II YEAR – ECONOMICS
SEMESTER-IV
PAPER-IV: MICRO ECONOMICS-2**

Module-I

Perfect Competition: Condition for Perfect Competition—Short and Long Run Supply Curves of the Firm and Industry – Equilibrium of the Firm and Industry—Price and Output determination in the Short run and long run period, Monopoly: Price and output determination in short and long run—Price Discrimination

Module-II

Monopolistic Competition: Equilibrium of the Firm – Duopoly: Cournot, Edgeworth Models—Oligopoly: Cartels, Price Leadership, Kinked Demand Curve, Basing Point, Penetration Price, Price Skimming

Module-III

Input Pricing: Marginal Revenue Product—Input Demand and Supply—Supply of Labour – Product Exhaustion Theorem – Factor Rewards: Wages: Demand and Supply Theory of wages, Subsistence Theory

Module-IV

Welfare Economics: Definition and Measurement of Welfare—Pareto Efficiency – Production Possibility Curves—Social Welfare Function—Hicks-Kaldor Compensation Criteria

Reference:

1. Richard G. Lipsey: An Introduction to Positive Economics
2. Koutsoyoni: Modern Micro Economics
3. Stoneier and Hague: The Text Book of Economic Theory
4. Mansfield: Micro Economics
5. Dominic Salvatore: Micro Economic Theory
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B.A III YEAR – ECONOMICS
SEMESTER-V
PAPER-V: MACRO AND MONETARY ECONOMICS

Module-I

Definition and Scope of Macro Economics—National Income Concept: GDP, GNP, NNP, PI, DI, PCI – Real Income—Measurement of National Income: Production Method, Income Method, Expenditure Method –Social Accounting –National Income as In Index of Welfare

Module-II

Theory of Employment: Say's Law of Market –Keynes Theory of Employment: Effective Demand – Consumption Function –Factors Influencing Consumption Function—Multiplier and Investment Functions –Marginal Efficiency of Capital and Rate of Interest – Liquidity Preference Theory –Applicability of Keynesian Theory to UDCs—IS-LM Curves

Module-III

Meaning and Evolution of Money—Functions of Money—Evolution of Paper Currency System –Principles of the Note Issue –Value of Money—Quantity Theory of Money: Cash Transactions Approach – Cash Balance Approach—Friedman's Restatement of the Quantity Theory of Money—Inflation: Causes, Effects—Theories of Inflation: Demand Pull, Cost Push and Structural Inflation—Methods of Controlling Inflation—Inflationary Gap

Module-IV

Banking: Functions of Commercial Banks—Credit Creation and its Limitations—Role of Commercial Banks in Developing Countries—Central Bank: Functions Central Bank—Credit Control by Central Bank—Quantitative and Qualitative Methods of Credit Control – Monetary Policy: Objectives and Role of Monetary Policy in Developing Countries

Reference:

1. Stone & Stone: National Income Accounting
2. Shapiro: Macro Economics
3. Acklay G: Macro Economics
4. Derenberg & Mc. Dougal: Macro Economics
5. Hansen: Guide to Keynes
6. M L Seth: Money, Banking and Trade
7. M C Vaish: Money, Banking and Trade
8. M C Vaish: Macro Economics

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NIZAM COLLEGE (AUTONOMOUS)
OSMANIA UNIVERSITY, HYDERABAD
B.A III YEAR – ECONOMICS
SEMESTER-V

PAPER-VI: PUBLIC FINANCE AND INTERNATIONAL TRADE

Module-I

Nature and Scope of Public Finance—Public Versus Private Finance—Objectives of Fiscal Policy—Public Revenue: Sources of Public Revenue—Taxation—Direct, Indirect, Progressive, Proportional—Principles of Taxation: Benefit Approach—Ability to Pay Approach—Incidence of Taxation—Impact of Taxation—Shifting of Taxation—Canons of Taxation—Effects of Taxation

Module-II

Public Expenditure: Causes for Increasing Public Expenditure—Canons of Public Expenditure—Effects of Public Expenditure—Public Debt: Classification of Public Debt—Causes for Increase in Public Debt—Methods of Redemption of Public Debt—Effects of Public Debt—Debt Trap—Budget: Balanced and Unbalanced Budget—Concepts of Budget Deficits

Module-III

Theories of Trade: Ricardo Comparative Cost Theory—Factor Endowments—Hecksher Ohlin—Exchange Rate Theories: Mint Parity – Purchasing Power Parity—Bretton Woods System—Floating Exchange Rates—Balance of Payment: Balance of Trade—Balance of Payment—Disequilibrium in Balance of Payments – Causes and Corrective Measures

Module-IV

Growth and Composition of Foreign Trade—Trade Policies—EXIM Bank—Export Processing Zones – IMF—WB—UNCTAD—GATT—WTO

Reference:

1. Stone & Stone: National Income Accounting
2. Shapiro: Macro Economics
3. Acklay G: Macro Economics
4. Derenberg & Mc. Dougal: Macro Economics
5. Hansen: Guide to Keynes
6. M L Seth: Money, Banking and Trade
7. M C Vaish: Money, Banking and Trade
8. M C Vaish: Macro Economics

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B.A III YEAR – ECONOMICS
SEMESTER-VI
PAPER-VII: DEVELOPMENT
AND
ENVIRONMENTAL ECONOMICS

Module-I

Meaning and Definition of Economic Development—Distinction between Economic Growth and Economic Development –Objectives and pre-requisites of Economic Development—Measurement of Economic Development—Indices used, GNP, PCI, Basic Needs, PQLI and HDI

Module-II

Rostow's stages of Economic Growth—Lewis Theory of Unlimited Supply of Labour—Leibenstein's Minimum Effort Thesis—Rodan's Big Push Theory—Ragnar Nurkse's Balanced Growth Strategy—Hirschman's Unbalanced Growth Strategy—Chenery's structural Shifts. Development Policy—Choice of goods and choice of techniques—Reinvestment Criteria—Time Preference Criterion

Module-III

Concept of Capital and Capital Formation—Stages of Capital Formation—Reasons for Low Capital Formation in LDCs—Vicious circle of Poverty—Unemployment: Types, causes, Consequences of it in LDCs—Human Capital: Meaning and Components—Population and Economic Development—Demographic Transition Theory

Module-IV

Economic Development and Environment: Basic Issues—Concepts of Sustainable Development—Traditional Economic Model of Environment—Types of Pollution—Environment use and Environment disruption—Valuation of Environment damages to Land, Water, Air and Forest—Prevention and Control of Environmental damages—Technology and Environment—Resource Depletion

1. Meier and Baldwin.....Economic Development: Theory, History, Policy
2. Benjamin Higgin.....Economic Development
3. M. Tadaro & S. Smith.....Economic Development
4. Meier and Rausch Leading Issues in Economic Development
5. M. L Jhingan.....Economic of Development and Planning
6. R. K Lekhi..... Economic of Development and Planning
7. S.K Misra & V. K Puri..... Economic of Development and Planning
8. AN Agarwal..... Economic of Development and Planning
9. I. C. Dhingra.....The Indian Economy: Environment and Policy
10. R. N Bhattacharya.....Environmental Economics: An Indian Perspective
11. Jhingan, Bhatt & Desai.....Demography
12. Pavitram.....Environmental Economics

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B.A III YEAR – ECONOMICS
SEMESTER-VI
PAPER-VIII: INDIAN ECONOMY

Module-I

Basic features of Indian Economy—Natural Resources: Land, Water, Forest Resources—India's Population: Size, Growth, Composition, Trends—Population Policy—Rural Urban Migration—Occupation Distribution—India's National Income

Module-II

Trends in agriculture production and productivity—Factors determining productivity—Reasons for low Productivity—New agriculture strategy—Green Revolution—Rural Credit—Agriculture Marketing: Stages, problems, suggestions—Agriculture price policy—Agriculture Infrastructure and food security

Module-III

Growth of Indian Industry since Independence—Industrial Policy of 1956 and 1991—Post 1991 Policy Reforms—Small scale industries growth, problems and measures—Public Vs. Private Sector enterprises—Industrial sickness—Industrial finance—Role of multinational corporations—Disinvestment Policy in India—FERA –FEMA—Special Economic Zones

Module-IV

Planning in India: Eleventh Five Year Plan, Objectives, targets, allocations—Economic Reform: Liberalization, Privatization and globalization in India—Infrastructure: Economic Infrastructure: Transport, Power, Banking, Communications—Social Infrastructure, Education, Health

In Indian Economy Paper Project Work is being Introduced for 20 Marks

Reference:

1. R. K Misra & V. K. Puri.....Indian Economy: Its Development Experiences
2. A.N. Agarwal..... Indian Economy
3. KPM Sundharam & Ruddar Dutt. Indian Economy
4. P.K. Dhar.....Indian Economy
5. Prमित Choudary..... Indian Economy
6. R. L. Lekhi.....Economics of Development and Planning