I M.A ECONOMICS
M.A (Previous) Compulsory Subjects

Compulsory Paper I Micro Economic Theory

Module I: Economic Assumptions, Operational Economics, Methods of Analysis-Statics, Comparative Statics and Dynamics-Distinction between Micro and Macro, Equilibrium-Different kinds of Equilibrium.

Module II: Theory of Demand : Cardinal and Ordinal approaches to the theory of consumption-The Slutsky’s Theorem-Ordinary and Compensated demand functions-The Revealed Preference and Neuman-Margenstern theory Utility Index-A Pragmatic approach to demand analysis add Linear expenditure systems.


Module V: Theories of Pricing : The basic assumptions and their implications of the classical and neoclassical theories of pricing-The Hall and Hitch report and the “Full cost” pricing principle-Price determination-The mark up rule-Predictions and critique of average cost pricing-Bain limit pricing-theory recent developments in the theory of limit pricing Models of Syles-Labini and France Modigliani-Baumol’s theory of contestable
markets-Price-discrimination and its effects-Public sector pricing-Marginal cost pricing and problems of its applicability to public utilities.


Reference
Backhouse R : A History of Modern Economic Analysis
Baumol W.J : Economic Theory and Operations Analysis
Friedman : Essays in Positive Economics
Koutsyoannis – Modern Microeconomics
Deaton and Muellbauer : Economics and Consumer Behaviour
Da Costa G.C: Production, Prices and Distribution.
Ferugson C.E : Microeconomic Theory
Jones H.G : An Introduction to the Modern Theories of Economic Growth
Stigler G : The Theory of Price
Archibald G. C : Theory of the Firm
Kamerschen D.R : Readings in Microeconomics
Kogiku K.C : Microeconomics models
American Economic Association : Readings in Price Theory
Bain J : Barriers to New Competition
Townsend H : Price Theory
American Economic Association : Readings in the Theory of Income Distribution
Dobo M : Theories of value and Distribution Since Adam Smith
Arro K.J and H. Hahn : General Competitive Analysis
Debreu J : The Theory of Value
Hausen B : A Survey of General Equilibrium Theory
American Economic Association : Readings in Welfare Economics
Bruce N. and R. Broadway : Welfare Economics
Mishan E.J : Welfare Economics : An Assessment
Quick J. and R. Saposnick : Introduction of General Equilibrium and Welfare Economics
Arrow K.J : Essays in the Theory of Risk-Bearing
Borch K.H : The Economics of Uncertainty

Compulsory- Paper-II

QUANTITATIVE ECONOMICS
Module I: Mathematical Methods : Sets, relations and functions-Limits and continuity functions and diagrams in economic theory-Derivative and its interpretation-economic applications maxima and minima.

Module II: Lag arithmetic derivation and evaluation of elastic ties-Partial derivatives and their economic applications-homogeneous functions and Euler’s theorem-Concept of integration application in the analysis of consumer surplus.

Module III: Constrained optimization : concept and simple economic applications-Introduction to matrix algebra and determinants: Applications in basic static input-output analysis introduction to linear programming.

Module IV: Statistical Methods : Methods of collection and presentation of data-Analysis of univariate data: Measures of dispersion-range, variance, standard deviation and coefficient of variation-concept of skewness.

Module V: Analysis of bivariate data: Correlation and regression for ungrouped data-method of least squares with one independent variable. Lorenz curve, Gini Coefficient.


Module IX: Expected value, covariance, and correlation Partial Correlation, Multiple Correlation. Concept of sampling distribution and uses-standard error-Multiple regression with tow independent variables: concept-calculation and interpretation of regression coefficients.

Reference:
PUBLIC ECONOMICS

Module Public Economics Nature and Scope


B. Role of Government
   i. Economic Justification for Government-Market failure (Externality, decreasing cost and public goods).
   ii. Classical approach, Neo-classical approach, Keynesians approach, Post-Keynesian approach.
   iii. Government in a mixed economy-public and private sector : Cooperation or competition?

C. A. Multiple Theory of Public Household
   1. Theories of Public Economy and criteria and public goals of fiscal policy.

D. Public Goods and Services
   Public goods-the range of collective goods-provision of public goods Pigu Lindah samuelson and Timeout Models.

E. Public Choice
   Public choice and voting. Arrows criteria for a rational voting system.
   Normative and positive approaches (Musgravian and Buchanan models) to public choice Group interest and group alliance. Public choice approach to bureaucracy. Directly unproductive profit-seeking (DUO activities).

Module 2: Government Budget

A. Concept of Budget.

B. Types and classification of budget
   1. Functional budget
   2. Performance budget
   3. Zero-base budget
C. Balanced and unbalanced Budget

1. Balanced budget. Balanced budget multiplier
2. ii) Financing deficit budget

Module 3 Taxation

A. Taxation

Types of taxes-Direct, indirect-taxes an income and wealth taxes on goods and services.

ii) Meaning and measures of taxable capacity, tax effort, tax elasticity and buoyancy).

Module 4: Public Debt


Module 5: Public Enterprises

Role of public enterprises in a mixed economy-Growth of public Enterprises in India (Share in national income, savings and capital formation).

Module 6: Public Expenditure

A. Theories of public Expenditure : Wagner’s Law Displacement effect-circular and two-way causation theories.
B. Classification of public expenditure.
C. Criteria for public investment-social cost-benefit analysis-project appraisal, benefit estimation and evaluation-estimation of project costs-selection at discount rate.
D. Economy Vs efficiency in expenditure programme.

Module 7: Fiscal Policy
Link between fiscal and monetary operations-Budgetary deficit and its measurement-fiscal policy for stabilization-automatic vs discretionary stabilization.

**Module 8: Fiscal Federalism**

A. Federalism: Concept, type and nature
C. Federal Fiscal Transfer Methods
   2. Loans: Tied and open: Short-term loans

**Module 9: Indian Federal Fiscal System**

a) Evolution of federalism—nature and uniqueness
b) Vertical fiscal imbalance
c) Horizontal fiscal imbalance
d) Federal fiscal transfers

**Module 10: Indian Public Finance**

2. Growth pattern and composition of public expenditure in India. Effects of public expenditure on growth distribution and stability in India.
3. Deficit financing in India.
4. Public debt burden in India.

**Module 11: Local Finance**

Theories of local finance. Finances of municipalities district boards in India.
(d) Agricultural Economics and Rural Development

Module I: Agriculture in a Growing Economy
Agriculture in a growing economy-changing importance of agriculture-Subsistence (traditional) agriculture and its modernization – Interdependence between agriculture and industry : Some empirical evidence – Institutional changes and technological change-Farming systems – Traditional, subsistence, commercial, co-operative, collective, state farming.

Module II The Economics of Agricultural Production
Production functions in agriculture – Resource use efficiency Farm Size and productivity relationship in Indian agriculture – Farm budgeting concept of cost – supply of individual crops and aggregate supply-Price relationship-Technical change and labour absorption.

Module III Agricultural Factor-Markets
Production factors –Characteristics of factor markets –interlinkages between land, labour produce and capital markets in traditional and developing agriculture-Tenancy and crop sharing Mobility of labour and segmentation in labour markets –Extent of employment and unemployment-Conceptual and data biases in labour statistics.

Module IV Agricultural capital credit
Role of capital and agriculture credit-organized and unorganized capital market-Characterization of Indian agriculture-Mode of production debate-Agrarian structure-Rural class analysis Uncertainty and crop insurance – Agricultural markets and marketing efficiency.

Module V Determination and Behavior of Agricultural Prices
Agricultural growth in Indian-Inter-regional variations in growth of output and productivity-Agricultural growth in the state Cropping pattern changes in India-Institutional changes – land reform, credit structure, marketing, etc., Supply of inputs-irrigation, power, seed and fertilizer-pricing of inputs-problem of mobilization of resources from agriculture.

Module VI Rural Development
Nature and Scope of Rural Development-History of Rural Development in India Pre-Independence Experiments and lessons-Post Independence Developments-Community development and Panchayati Raj experiments, Green Revolution phase – Rural Poverty
Poverty alleviation programmes and their implementation-Gandhian thought on rural development-Role of voluntary agencies.

Module VII

Rural Industrialisation-Concept and its importance in rural development-Gandhi an approach to rural industrialization-Role of Khadi and village industries-Rural Industrial Estate and the concept of village production centers.

References

Dasgupta, The New Agricultural Technology in India.
Harris. Rural Development : Theories of Peasant Economy and agrarian Change.
Hayami, Agricultural Development : An Internationa Perspective, Schultz. Transforming Traditional Agriculture,
Bharadwaj, K. Production Conditions in Indian Production Function.
Rao. C.H Hanumantha, Agricultural Production Function, Costs and Returns in India.
Rudra A. Indian Agricultural Economics : Myths and Realities.

Paper (Electives) : (a) Money and Banking


Reference
Davidson P. Money and the Real world
Goodhart C. Money, information and Uncertainty
Gupta S.B Monetary Economics
Harris L. Monetary Theory
Friendman Studies in the quantity Theory of Money
Laidle D. Demand for Money
Chandler L.V and S.M Goldfeld: Economics of Money and Banking
Mitra S: Money and Banking
Sayers R.S: Modern Banking
Chandler L.V: Central Banking and Economic Development
Radcliffe Committee: Report of the committee on the working of the monetary system
Dornbusch R. and S. Fischer: Macroeconomics
Gobson W. and G. Kaufman: Monetary Economics: Readings on current issues
Reserve Bank of India: Money Supply: Concepts, compilation and Analysis
Chick V: The Theory of Monetary Policy
Culbertson J. M: Macroeconomic Theory and Stabilization Policy
Surrey M.C.J Macroeconomics.