

MASTER OF ECONOMICS (M.A. ECONOMICS)

First Year

S. No.	Subject	Maximum Marks	Exam Hours
1	Advanced Micro Economics	100	3
2	Agricultural Economics	100	3
3	Research Methodology	100	3
4	Planning for Development Economics	100	3
5	International Economics	100	3

Second Year

S. No.	Subject	Maximum Marks	Exam Hours
6	Advanced Macro Economics	100	3
7	Monetary Economics	100	3
8	Fiscal Economics	100	3
9	Economics of Growth and Development	100	3
10	Environmental Economics	100	3

FIRST SEMESTER

Paper – I

ADVANCED MICRO ECONOMICS

I. Theory of consumer behavior – Marshallian analysis – indifference curve analysis – related preference approach – supply and demand analysis relation among marginal average and total magnitudes – theory of production and costs - theory of production pricing - Pure competition – monopoly – oligopoly – monopolistic competition. Theory of future pricing – elements of enumerative equilibrium theory - elements of old and new welfare economics.

II. Cost analysis : - concepts of costs, opportunity cost, direct and indirect costs, short-run and long-run cost minimizations – market structure – market classification, elements of different markets, competitive market equilibrium in the short-run and long-run. – monopoly price and output decision price discrimination. Multiplant monopoly measure of monopoly and power efficiency loss control of monopoly. Monopolistic competition : - equilibrium solution – product differentiation – selling costs, excess capacity and ideal output evaluation.

III. Factor market : - perfect vs. imperfect competitive market firms demand for output single variable, many variable cases, market demand determinants of price elasticity of demand market supply backward bending, labour supply, input price determination.

IV. Welfare economics : - criteria of social welfare community indifference curves Pareto optimality – market forms and welfare – problem of welfare maximizations.

V. The theory of consumer behavior : - utility and preference ordering budget constraints , consumer equilibrium, effects of changes in price and income on consumer equilibrium , effects of changes in price and income on consumer behavior derivation of demand curves = (Marshall and Hicks). Revealed preference hypothesis about leisure choice.

Theory of production : - characteristics of technology, variations in factor proportion , variations in scale, linear homogeneous production function, Cobb-Douglas and product firm.

Paper – II
AGRICULTURE ECONOMICS

UNIT I

Role of agriculture in indian economy – nature of india's culture – cropping pattern in india – share of agriculture in plan expenditure - - decliniry investments in agriculture and increasing sub =sides – indian agricultural policy.

UNIT II

Trends in agricultural production and productivity – low levels of productivity – causes of low productivity – measures to inerege productivity - increasing production and productivity. Tasks before the ninth plan farm size and productivity.

UNIT III

Objectives of land reforms – agricultural holdings in India – irrigation – fertilizers – green revolution – modern technology vs. Institutional reforms – national bank for agriculture and rural development – agricultural marketing – co-operative marketing.

UNIT IV

Agricultural prices and agricultural price policy – trends in agricultural price – need for agricultural price policy - agricultural price policy in India – evaluation of governments agricultural price policy.

UNIT V

Food security, public distribution system in India – definition of agricultural labour – growth in the number of agricultural works – causes of growth in the number of agricultural labours conditions and problems of agricultural labours.

Paper – III
RESEARCH METHODOLOGY

UNIT I

Meaning of Research-Types of Research-Logical Methods – Scientific Methods – Defining Research Problem – Research Design Problems pure Applied, Action and Evaluation Research, Economic Research and its Significance for Policy.

UNIT II

Formulation of Hypothesis - Methods of Social Survey – Cases and Sample Survey – Sample Design – Sources of Data – Types of Data – Methods of Data Collection – Processing of Data Tabulation – Presentation – Statistical Tools. Correlation – Simple Correlation - Multiple Correlation – Regression – Simple Regression – Multiple Regression.

UNIT III

Characteristics of Statistical Methods for Economic Analysis – Model Buildings – Econometric Models - Steps in Econometric Research - Multivariate Analysis – Factor Analysis – Path Analysis.

UNIT IV

Testing of Hypothesis – Types of Errors – Parametric – Non Parametric – Standard Tests of Hypothesis ‘T’ Test – ‘Z’ Test – ‘F’ Test- Chi Square Test.

UNIT V

Thesis and Report Writing Different Stages in Writing Report – Layout of the Research Reports – Types – Precaution for Writing Research Reports.

Paper – IV
PLANNING FOR DEVELOPMENT

UNIT – I : AGRICULTURAL ECONOMICS :

Agricultural Economics : Nature, Scope, Division, Importance Of Agricultural In Economic Development – Agricultural Prices : Agriculture Price Determination – The Coweb Model – Types of Agricultural Prices in India – Agricultural Price Policy in India.

Agricultural Marketing : Marketing of Agricultural Produce, Defects of Agricultural Marketing, Government Measures to Improve the System of Marketing , Co-Operative Marketing and Regulated Markets in India.

UNIT – II : PRODUCTION THEORY :

Factor – Factor Relationship, Factor – Product Relationship – Product - Product Relationship – Rationalization : Industrial Productivity, Importance – Causes for Low Productivity in India.

UNIT – III : INDUSTRIAL ECONOMICS :

Market Structure, Conduct and Performance – Monopoly and Concentration Concepts – Reasons for Concentration – Measures to Control Monopoly – MRTP Act of 1969.

Role Performance and Problems of Public Sector Enterprises and its Pricing Policies, Industrial Sickness – Capacity Utilization of Multinationals in India.

UNIT – IV : CONCEPT AND PROBLEMS OF INDUSTRIALISATION :

Concept, Rationale and Problems of Industrialization – Industrialization and Economic Development – Patterns of Industrialization – Choice of Technology and Strategy.

UNIT – V : INDUSTRIAL LOCATION :

Factors Influencing Location of Industries – Alfred Weber's Pure Theory and Sargant Florence's Inductive Analysis – Regional Development of the Backward Areas – Policy of The Government's of India.

Books for Study :

Mr.Sadhu & Mr.Singh – Fundamentals of Agricultural Economics.

Mr.I.K.Kuchhal – Industrial Economy.

Mr.Ruddar Dutt & Mr.K.P.M.Sundaram – Indian Economy.

Paper – V
INTERNATIONAL ECONOMICS

UNIT I

The Theoretical basis of Trade – Classical Theory – Adam Smith – Ricardo Mill – Neoclassical Theory – Haberler's Opportunity Cost – Trade in difference Curves – Upper Curves -; Modern Theory – Heckscher Olin Theorem; Factor Price – Price Equalization – Theorem Factor – Prices and Factor Reversals.

UNIT II

Economic Growth and Trade : Gains from Trade Hicks Model – Johnson's Model – Immiserizing Growth – Transport Cost – Monopoly and Dumping – Terms of Trade. Increase in Factor Endowments – Technical Progress and Trade Capital Movemets and Growth.

UNIT III

Trade Policy : Tariff – Quotas – Theory of the second best Theory of the Customs Union Case for Protection – Regional Integration – EEC – Trade Problems of Developing Countries – GATT and Tokyo declarations0VNCTAD ; Import Substitution and Export Promotion – New International Economic Order – North-South Dialogue – Foreign Aid.

UNIT IV Balance of Payments :

Trade and National Income – Foreign Trade Multiplier – Market for Foreign Exchange – Purchasing Power Parity Theory – Fixed and Flexible Exchange Rates – Balance of Payments – Disequilibrium in the Balance of Payments and Adjustments – Mechanism Devaluation – Elasticity Approach – Income Absorption Approach – Monetary Approach – Exchange Control – Means of Achieving – External and Internal Equilibrium – Fiscal Monetary Mize.

UNIT V International Monetary Systems :

Problems of International Monetary Systems - International Liquidity – IMF – SDR – Euro Dollar Market – Plans for Reform and Future – of the International Monetary System.

SECOND SEMESTER
Paper – VI
ADVANCED MACRO ECONOMICS

UNIT I

National income – concepts – measurement – national income and product account basic concepts – theory of income and employment determination – classical Keynesian – post Keynesian.

UNIT II

Input Output tables – flow of funds analysis demand for and supply of money – prices and inflation.

UNIT III

Foreign trade – Theory of Economic Policy – Foreign Sector and the Balance of Payment.

UNIT IV

Instruments criteria for economic development policies for agricultural on industrial developing – price policy.

UNIT V

Social accounting and economic modes monetary and fiscal policies – Harrod Domar and One-Sector Neoclassical growth models.

Paper – VII

MONETARY ECONOMICS

UNIT –I

MONEY DEFINITION : Nature and definition of money. Theoretical and empirical definitions of money. Money and near money, inside money and outside money. Neutrality of money selected readings exercises.

UNIT –II

Patintrin's integration of monetary theory and value theory. The Pigou effect. Difference between the Pigou effect and the real balance effects exercises.

UNIT –III

The Keynesian Theory Money and Prices : - Introduction Keynes reformulated quantity theory of money superiority of the Keynesian theory over the traditional quantity, theory of money. Criticisms of Keynes theory money and prices.

UNIT – IV

Central Banking : - Functions and credit control. Definition of a Central Bank functions of a Central Bank. Central Bank as the controller of credit role of Central Bank in developing economy. The classical theory of interest the loanable funds theory of interest Keynes liquidity preference theory of interest – loanable funds and the Keynesian theories of interest.

UNIT - V

Wage – Price Elasticity and Employment :- The Classical views Keynes criticism of the classical view. The Keynesian views on money-wage reductions and employment. The Keynes effect its criticism. The Pigou effect its criticism. Difference between the Pigou effect and Real Balance effect. Flexible wage policy flexible monetary policy.

Paper – VIII
FISCAL ECONOMICS

UNIT I

Welfare Economic Functions of Public Finance : Multiple Theory of Public House Hold – Allocation, distribution and stabilization functions – private goods – public goods – merit goods – market failures – externalities – efficiency rules for the provision of private and public goods – second best economy.

UNIT II Theory and Practice of Public Expenditure :

Canons of Public Expenditure - Pure Theory of Public Expenditure., Pigou, Lindahl, Samelson, Musgrave. Evaluation of Public Expenditure : Cost – benefit analysis – fixed and variable budget – long term projects and the need for discounting. Risk and uncertainty in public investment decisions. Structure and growth of the expenditure of the Govt. of India and Govt. of Tamilnadu.

UNIT III TAXATION

Definition – canons – objects – Structure of taxation – Williamson, Horichs, Musgrave, Lutz-Chelliah role and effects of taxations – on growth and distribution of income – principles of taxation – fiscal neutrality – doctrine of excess, burden – equity – benefit – equal sacrifice and equity – theoretical background for progressive taxation – shifting and incidence of taxation – traditional and modern analysis – dynamic incidence – tax reforms in India – Kaldor, Wanchoo, K.N.Raj, Chokshi, L.K.Jha, Committees recommendations.

UNIT IV

Public debt – Classical, Keynesian and post Keynesian views – techniques of borrowing – Management, burden effects – redemption – public dept of the Govt. of India. Deficit financing – conceptual difference in USA, UK and India – extent, effect, and role as a tool of financing five year loans. Budget – coordination in India. Fiscal policy – objectives – tools and techniques fiscalists versus monetarist – its role in developed and developing countries.

UNIT V

Theory of fiscal federalism – federal finance in India recommendations of finance commissions – Dr.P.V.Rajamammar Committee’s Report.

Reference :

1. Musgrave RA : Theory of Public finance (all the units)
2. Musgrave & Musgrave Public finance in theory and practice (all the units)
3. Musgrave : Fiscal Systems (Unit I)
4. N.Kaldor : Essays on value and distribution (Unit I)
5. Hyman, David : The economics of Governmental Activity (Unit I)
6. Hyman, David : Public finance : A Contemporary application of theory to policy (Unit I)
7. Twiney : Public enterprise (Unit I)
8. Buchanan : The demand and supply of public goods (Unit I)
9. Musgrave & AT Peacock : Classics in the theory of public finance (Unit I)
10. S.K. Singh : Public finance in developed and developing countries (Unit I)
11. V.K.Subramaniam : The Indian financial system ((Unit II)
12. Millard, Robert : Public expenditure economics (Unit I)
13. K.N.Reddy : The growth of public expenditure in India (Unit II)

Paper – IX

ECONOMICS OF GROWTH AND DEVELOPMENT

UNIT – I : ISSUES IN ECONOMIC DEVELOPMENT

Characteristics of Modern Economic Growth and Inter Relations – Diverse Structures and Common Characteristics of Developing Countries – Growth Models : Meaning and Features.

UNIT – II : GROWTH THEORIES TRADITIONAL AND MODERN

Growth Theories : The Classical Model and its Relevance – Marx's Theory of Economic Development : The Production Process and Social Evolution, Critique of Marx's Theory – The Schumpeterian Theory of Development – Stagnation Thesis.

Post War Growth Theories : Domar's Model – Harrod's Model – Conditions Required for Steady Growth, Comparison, Critical Evaluation – The Neo-Classical Theory of Growth Models.

UNIT – III : GROWTH ISSUES

The Theory of Balanced Growth : Meaning and Logical Basis of Balanced Growth Doctrine, Critical Evaluation – Paul Rosenstein Rodan's Big Push Theory – Harvey Leibenstein's Critical Minimum Effort Thesis – Richard Nelson Low Level Equilibrium Trap – Hirschman's Strategy of Unbalanced Growth – W.W.Rostow's Stages of Economic Growth.

UNIT – IV : ECONOMIC DEVELOPMENT AND TECHNOLOGY

Role of Capital in Economic Development, Factors, Affecting Supply and Demand for Capital Formation, Measures to step up Capital Formation. Determinants of Economic Development. Technological Change and Development – Labour Intensive Vs Capital Intensive Technology – Approach to Technical Progress : Hicks and Harrod – Transfer of Technology – Productivity : Total Productivity and Partial Productivity – Measurement : Kendrick, Domar and Solow.

UNIT – V : PLANNING FOR DEVELOPMENT

Objective and Strategy of Planning – Types of Planning Indian Plan Models – Targets, Achievements and Performance of Indian Plans, A Critical Review of Regional Inequality in India, Policy for Balanced Regional Development.

Books for Study :

Mr.Misra & Mr.Puri – Development and Planning

Mr.Kanwar – Economics Development and Planning (for Module I only)

Mr.Dewett and Satish Wadhawan - Economics of Growth & Development (for Module V only)

Paper – X

ENVIRONMENTAL ECONOMICS

UNIT I - INTRODUCTION TO ENVIRONMENTAL ECONOMICS:

Nature and Scope of Environmental Economics – Environmental Quality as a Public Good – The Environment and the Economy – Basis Theory of Environmental Economics: Market Failure and Externality – Maximum Social Welfare – Perfect Competition.

UNIT II – NEED FOR CONSERVATION OF NATURAL RESOURCE:

Environmental Ecology – Nature and Characteristics – Ecological Balance – Ecological Crisis – Natural Resource Economics – Need for Conservation of Fundamental Resource: Minerals, Water Conservation, Soil Conservation – Ecological Vs Development Debate – Forest and Environmental Quality.

UNIT III – DEMOGRAPHIC ASPECTS:

Man and Environment Relationship – Population Growth and Environmental Deterioration – Effects of over Population – Urbanization - : Problems and Impact – Effects of Urbanization – Remedies – Environmental Problems of Slums – Public Housing and Environment.

UNIT IV – ENVIRONMENTAL PROBLEMS:

Environmental Impact : Methodological Procedure – Impact of Industrialization - Urbanization – Transportation Project – Agricultural Programmes – Pollution Control and Environmental Protection.

UNIT V – ENVIRONMENTAL POLICY :

Environmental Education – Law and Environment – Environmental Management – Government and Non-Governmental Programmes for Environmental Management – India's Environmental Policy and Performance – Environmental Issues : International Environmental Policy – Foreign Trade and Environment – Global Warming and Green House Effect – Stock Holm and Biodeclaration.

Book for Study : Mr.S.Sankaran.