

**M.A. Hons. in Economics (5 years) Integrated Programme under CBCS  
w.e.f. 2017-18**

**Total Marks = 100**

**Marks Theory = 70**

**Internal Assessment = 30**

**Semester - 7<sup>th</sup>**

Course Code	Name of Course		Credit
MAECO-C-571	Microeconomics	Core	04
MAECO-C-572	Macroeconomics		04
MAECO-C-573	Public Economics – I		04
MAECO-C-574	Political Economy of Development – I		04
MAECO-E-571	Agricultural Economics - I	Subject Elective (Any two)	04
MAECO-E-572	Rural Economics		04
MAECO-E-573	Applied Statistics		04
MAECO-E-574	History of Economic Thought – I		04
MAECO-OE-1	Economic Theory	Open Elective* (Any one)	04
MAECO-OE-3	Issues of Economic Development		04

**Semester - 8<sup>th</sup>**

Course Code	Name of Course		Credit
MAECO- C-581	Growth and Development	Core	04
MAECO-C-582	International Economics		04
MAECO-C-583	Public Economics – II		04
MAECO-C-584	Political Economy of Development - II		04
MAECO-E-581	Agricultural Economics - II	Subject Elective (Any two)	04
MAECO-E-582	Labour Economics		04
MAECO-E-583	Mathematics for Economists		04
MAECO-E-584	History of Economic Thought - II		04
MAECO-OE-2	Indian Economy: Issues, Outlook and Prospects	Open Elective* (Any one)	04
MAECO-OE-4	Money, Banking and Public Finance		04

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Semester- 9<sup>th</sup>

Course Code	Name of Course		Credit
MAECO-C-591	Advanced Economics Theory	Core	04
MAECO-C-592	Agricultural Marketing in India		04
MAECO-C-593	Financial Institutions and Markets		04
MAECO-C-594	Research Methodology		04
MAECO-E-591	Computer Applications in Economics-I	Subject Elective (Any two)	04
MAECO-E-592	Welfare Economics - I		04
MAECO-E-593	Demography – I		04
MAECO-E-594	Industrial Economics – I		04
MAECO-OE-1	Economic Theory	Open Elective* (Any one)	04
MAECO-OE-3	Issues of Economic Development		04

Semester- 10<sup>th</sup>

Course Code	Name of Course		Credit
MAECO-C-5101	Econometrics	Core	04
MAECO-C-5102	Indian Economy		04
MAECO-C-5103	Money, Banking and Finance		04
MAECO-C-5104	Dissertation		02
MAECO-E-5101	Computer Applications in Economics-II	Subject Elective (Any two)	04
MAECO-E-5102	Welfare Economics - II		04
MAECO-E-5103	Demography - II		04
MAECO-E-5104	Industrial Economics – II		04
MAECO-OE-2	Indian Economy: Issues, Outlook and Prospects	Open Elective* (Any one)	04
MAECO-OE-4	Money, Banking and Public Finance		04

\* The students are required to choose any one open elective course in a semester. Further, total credit of open elective (OE) courses should be at least 10 % of the total credits earned by a student in a programme.

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M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-C-571  
Microeconomics

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

Basic Economic Problems- Choice and Scarcity; Positive and Normative Economics; Deductive and Inductive Methods of Analysis; Role of Assumption in theory formulation; Meaning and Types of Economics Models; Forecasting of Demand- Meaning, Characteristics and Types; Meaning, Measurement and Factors Effecting of Elasticity of Supply.

Unit-II

Hicks Logical Ordering theory of Demand; Hicksian Four Concepts of Consumer Surplus; Application of Consumer Surplus; Attributes Theory of Demand, Individual Choice Under Risk and Uncertainty.

Unit-III

Technological Progress and Production; Cobb - Douglas, CES and their properties, Theory of Games and Strategic Behaviour, Problem of Duality, Profit Maximization.

Unit-IV

Arrow's Theory of Social Choice, Alternative Social Choices; Rawl's Concepts of Social Choice and Welfare Criterion; Interest, Saving and Investment: Intertemporal Choices, Information Problem and Markets with Asymmetric Information.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Koutsoyiannes. A. "*Microeconomics*" (Macmillan)
- Lipsey, R.G. and Chrysal, K. Alec "An Introduction to Positive Economics" (OUP)
- Salvatore, D. "Microeconomics Theory" (Schaum's Outline series, Tata McCraw Hill)

M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-C-572  
Macroeconomics

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT-1

**Determination of output and Employment:** The extended Model (Hicks-Henson Synthesis); Fixed Price-level- The goods Markets and the Money Market; Equilibrium in Goods Market and Money Market; changes in Aggregate Demand; Govt. Spending, Taxation and Aggregate Demand; The IS-LM elasticities and Monetary Fiscal policies.

UNIT-II

**The Extended Model:** Variable price level-Derivation of aggregate demand curve and determination of Equilibrium price and output levels; wage-price flexibility and the full employment equilibrium; monetary-fiscal policies and the full employment equilibrium.

UNIT-III

**Theories of consumption-**the absolute income hypothesis; the relative income hypothesis; the permanent income theory of consumption; the life cycle theory of consumption.

**Theories of investment-**Keynesian theory of investment; the naïve and flexible accelerator theory; financial theory of investment; present discounted value of Investment Theory.

UNIT-IV

**Trade Cycles;** Meaning & different phases of Trade Cycles; Keynes theory of the Trade cycle; Samuelson's Multiplier-Accelerator Model; Hick's theory of Trade Cycles; Kaldor's Model of the Trade cycles

**Inflation:** Types; Causes; effects; theories of demand inflation; Theories of cost push inflation, Stagflation & Inflationary gap.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

### Suggested Readings:

- Ackley, G (1978), *Macroeconomics: Theory and Policy*, Macmillan, New York.
- Banson, W.A. (1989), *Macroeconomic Theory and Policy, (3<sup>rd</sup> Edition)*, Harper and Row, New York.
- Dorn Busch, R. and f. Stanley (1997), *Macroeconomics*, McGraw Hill, Inc. New York.
- Heijdra, B.J. and V. P. Fredericck (2001), *Foundation of Modern Macroeconomics*, Oxford University Press, New Delhi.
- Jha, R. (1991), *Contemporary Macroeconomics Theory and Policy*, Wiley Eastern Ltd., New Delhi.
- Shapiro, E. (1996), *Macroeconomics Analysis*, Galgotia Publication, New Delhi.
- Survey, M.J.C. (Ed.) (1976), *Macroeconomics Themes*, Bo and Reed Geoffrey (1994), *International economics*, Macmillan Press Ltd.
- Peterson, W.C(1978), *Income, Employment and Economics Growth*, Norton , New York
- Sheffrin, Steven M. (1996), *Rational Expectations*, 2<sup>nd</sup> edition, Cambridge University Press.

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M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-C-573  
Public Economics-I

Max. Marks: 100

Time: 3 Hours

External Examinations: 70

Internal Assessment: 30

Unit-I

Public finance---meaning, scope and subject matter, Role of public finance in national economy; Role of state intervention in a developing economy; Principle of maximum social advantage; Market failure and rationale for government intervention; Imperfections and market failure; Externalities--- nature, types and their internalization

Unit-II

Taxation-incidence and shifting of taxation; benefits and ability to pay theory of taxation; Taxable capacity---absolute and relative capacity; Factors determining taxable capacity; Excess burden of taxes and its measurement; Value added tax.

Unit-III

Public debts---objectives and sources of public debt; classification and effects of public debt; burden of public debt; Principles of debt management and redemption of public debt; India's public debt---growth, composition and main characteristics of Indian Public debt.

Unit-IV

Concepts of public goods, private goods, mixed goods and features of public goods; Inter-sector resource allocation; Resource allocation and provision of public goods ---ability to pay theory, voluntary exchange approach; theory of club goods.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

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### Suggested Readings:

- Masgrave R.A and Masgrave P.B., Public Economics in Theory and Practice, McGraw Hill.
- Stiglitz, J.E., Economics of Public Sector, J.W. Norton & Company.
- Singh, S.K., Public Finance in Theory and Practice, S. Chand & Co.
- Government of India, Ministry of Finance: Economics Survey (of various years).
- Raja J. Chelliah, Towards Sustainable Growth, Essays in Fiscal and Financial Sector Reforms in India, Oxford University Press, Delhi, 1996
- Deena Khatkhate (ed.), Money and Finance: Issue, Institutions, Policy, Sameeksha Trust, Orient Longman, 1998.
- Kunal Sen & Rajendra R. Vidya (ed.), Process of Financial Liberalization in India, Oxford University Press, 1997.
- Mundel Sudipto (ed.), Public Finance: Policy Issue, of India.
- Brown C.V. and Jackson P.M. (1990), Public Sector Economic, Basil Blackwell, Oxford.
- M. Govindia Rao and Tapan Sen (1998), Financial Federalism in India.
- Atkinson A.B. and Stiglitz, J.E. (1980), Lectures on Public Finance, Tata McGraw Hill.
- Auerbach, A.J. and M. Feldstern (ed.) (1985), Handbook of Public Economics, Vol-I, North Holland, Amsterdam.
- Raghavendra Jha (1999), Modern Public Economics, Rotledge, London.
- Srivastava D.K. (ed.) (2000), Fiscal Federalism in India, Har-Anand Publication Ltd., New Delhi.
- Bhargava P.K. (1991), India's Fiscal Crisis, Ashish Publishing House, New Delhi.
- Govt. of India, Ministry of Finance (1998), Sarkaria Commission Report on Centre-State Finance Relations.

M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-C-574  
Political Economy of Development-I

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

**Scientific Socialist World Outlook:** World outlook, Idealism and materialism, Metaphysics and dialectics, Laws of dialectics, Categories of philosophy, Theory of cognition.

**Dialectical and Historical Materialism:** Its theory and method, Dialectical materialism (Materialistic conception of human/social history), Nature and role of contradictions.

Unit-II

**Mode of Production and Social Superstructure:** Factors constituting and forces governing mode of production, Social superstructure and its elements, Dialectical interaction of base and superstructure, About economic development, social transition and system transformation. Development through Social Formations

Unit-III

**Historical Social Formations:** Rise of private property, classes and the State, Distinguishing features of Primitive Communism/ society, Slavery, Feudalism/serfdom, Capitalism/imperialism and Socialism/communism.

**Asiatic Mode of Production:** The concept and controversy, Asiatic mode vs. Feudalism, Characteristics of Asiatic mode. Its specific nature

Unit-IV

**Non-Marxian Theories of Development:** Critique of the Bourgeois Economics: Basic assumptions, Theoretical gaps, unscientific theoretical structure, Inadequate guide to practice.

**Strategies for Third World Development:** Perspectives of Third World capitalism; Indigenous &/or dependent, Globalization of dependent capitalism.

**W.W. Rostow:** Transition to Capitalism through stages of Growth: The traditional society, The pre-conditions for take-off, The take-off, The drive to maturity, The age of high mass consumption, A critique.

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**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Karl Marx & F. Engels (1977): Manifesto of the Communist Party, Progress Publishers, Moscow, 2nd edition, pp. 34-74.
- Joseph Stalin (1978): Dialectical Materialism, National Book Agency, Pvt. Ltd. , Calcutta, pp.5 to 48.
- Maurice Cornforth (1971): Dialectical Materialism, National Book Agency, Pvt. Ltd. , Calcutta, 3rd edition, Vol. 1, Chs. 2-9, Vol. II, Chs. 3-10.
- John Eaton (1973): Political Economy, International Publishers, New York, revised edition, Chs. 2-11.
- W.W. Rostow (1971): The Stages of Economic Growth, Cambridge University Press, 2nd edition, Chs. 1, 2 and 10.
- T.W. Schultz (1970): Transforming Traditional Agriculture, Lyall Book Depot, Ludhiana, 1st Indian edition, Chs. 1-12.
- Paul M. Sweezy (1991): The Theory of Capitalist Development, K.P.Bagchi & Co., New Delhi, 1st Indian reprint, , Chs. 1,2,4,5,6,8,9,14,15 & 17.
- V.I. Lenin (1978): Imperialism: The Highest Stage of Capitalism, Progress Publishers, Moscow, 17th ed., Chs. 1 to 10 or Lenin's Collected Works, Vol.22.
- Andre Gunder Frank (1975): On Capitalist Underdevelopment, Oxford University Press, Delhi.

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M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-E-571  
Agricultural Economics-I

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

**Unit-I**

Agricultural Economics and Economic Development: Definition of agricultural Economics, its scope and nature; Regional disparities in Indian agriculture; Difference between agriculture and Industry; Need for a separate study of Agricultural Economics. Agriculture and Economic Development; Role of agriculture in Economic Development; Contribution of industry to the development of agriculture; Interdependence of agriculture and industry.

**Unit-II**

Approaches to Agriculture Development; Schultz, Mellor, Boserup, Lewis and Ranis-Fie.

**Unit-III**

Economics of Agriculture Production Function; Factor-Product Relationship; Factor-Factor Relationship; Product- Product Relationship. Equilibrium of the capitalist form, peasant family farm and share tenant farm.

**Unit-IV**

Analysis for Farm Management: The Production Function Approach; Farm-budgeting Approach, Measures of Farm Efficiency; Supply response in agriculture; Size of the farm and Productivity Debate.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Southworth, H.M. and B.F. Johnston (ed.) Agricultural Development and Economic Growth (Cornell University Press, London, 1974).
- Heady, E.O. Economics of Agricultural Production and Resources Use (Prentice Hall India Ltd. New Delhi-1964).
- Sadhu, A.N. and A. Singh, Agricultural Problems in India (Himalaya Publishing House, Bombay).
- Mellor, J.W. The Economics of Agricultural Development (Vora and Co. Bombay, 1966).
- Donner, Peter: Land Reforms and Economic Development.
- Kahlon, AS. And Tyagi, D.S. Agricultural Price Policy in India (allied Pub. New Delhi, 1983).
- Patnaik, Utsa (ed.) Agrarian Relations and Accumulation. The mode of production in India.
- Kaur, Rajbans Agricultural Price Policy in Economic Development.
- The Indian Society of Agricultural Economics, Agricultural Development in Developing Countries in Asia and south East Asia since 1945 World War II.
- Ellis, Frank Peasant Economics (Cambridge University Press 1963).
- Bhalla G.S. and Y.K. Alagh Performance of Indian Agriculture a district-wise Study.
- Rao, C.H.H. Technological change and Distribution of gains in Indian Agriculture.
- Lehman, Davir (ed) Agrarian Reform and Agrarian reformism in India.
- Ghatak, S. and Ken Ingersent Agriculture and Economic Development.
- Bilgrami, SAR an Introduction to Agricultural Economics (Himalaya Pub. House, Bombay).
- Rudra Ashok Indian Agricultural Economics: Myth and Realities (Allied Pub. New Delhi 1982).
- Soni, RN. Leading Issues in Agricultural Economics (Sohan Lal Nagin Chand Co. Jalandhar, 2006).
- Khusro, AM. Readings: in agricultural Development.
- Vandana Shiva The Violence of Green Development.
- Frankel, Francis, R India's Green Revolution, Economic Gain and Political Costs (OUP Bombay 1971).
- Dantwala, M.L. (ed.) Indian Agricultural Development Since Independence.
- Hayami, Y and Rattan, V.W. Agricultural Development: An International Perspective.
- ICSSR Alternative in Agricultural Development.
- Ellis, F. Agricultural Policies in Developing Countries.
- Lekhi R.K. & Singh Joginder, Agricultural Economics, Kalyani Publishers, New Delhi.
- Sankhayan P.L., Introduction to the Economics of Agricultural Production, Prentice Hall of India Private Limited, New Delhi.
- Johl S.S. & Kapur T.R, Fundamental of Farm Business Management, Kalyani Publishers, Ludhiana.
- Reddy S. Subha, Raghu Ram P. Sastry T.V. Neelakanta & Devi I Bhavani, Agricultural Economics, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
- Acharya, S.S. & Agarwal N.L., Agricultural Prices-analysis and policy, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.

M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-E-572  
Rural Economics

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT-I

Introduction to rural society; Rural Demography; Rural Social Structure; Rural Economic Structure; Rural Poverty.

UNIT-II

Rural Development-Concepts and strategies: Rural Development in India; Major Agrarian Issues-Land Reforms, Green Revolution and Agricultural Extension Service.

UNIT-III

Rural Administrative structure at state, District, Block & Village Level; (DRDA, DPC & Gram Panchayats)

Panchayati Raj Institutions and people's involvement in development activities. Special features of 73<sup>rd</sup> Constitutional Amendment Co-operatives in Rural Development; Rural credit & Banking.

UNIT-IV

Rural basic services and infrastructure like TLC, Rural Housing, Rural Health Care, Drinking Water & Rural Sanitation, Rural Connectivity and Rural electrification.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Arora, R.C: Integrated Rural Development.
- Raghava Rao, D.V. : Panchayats and Rural Development
- Shah, S.M.: Rural Development, Planning and Reforms. Whitby, M.C. D.L.J.
- Singh, Radha Raman : Studies in Regional Planning and Rural Development.
- Hirschman, A.O. : The Strategy of Economic Development
- IGNU Study Material of M.R.D. 101 and M.R.D. 102.

M.A. Hons. (5 years) Economics

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M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-E-573  
Applied Statistics

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit- I

Meaning of sampling distribution of a statistic; desirable properties of point estimators; interval estimation; derivation of main properties of chi square, t and F distributions; Basic concepts of hypotheses testing; tests of significance based upon t, F and Z test

Unit- II

Non- parametric tests( without derivations; stress on numerical examples): Ordinary Sign Test, Wilcoxon Signed- Rank Test, Wald-Wolfowitz Run Test, Mann-Whitney Test, Kruskal-Wallis test.

Unit- III

Estimation of single Linear Equation Regression Model and Test of Significance of Regression Coefficient; Estimation of Growth Rates and Forecasting with OLS; Estimation of Cobb-Douglas Production Function

Unit- IV

Advanced Time Series Analysis; Stochastic Processes; Unit Root Stochastic Process; Trend Stationary and Difference Stationary Stochastic Processes; Test of Stationarity; Cointegration: Regression of a Unit Root Time Series on another Unit Root Time Series

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Gupta S. C. "Fundamentals of Statistics" S. Chand & Sons, New Delhi (1993)
- Spiegel, Murry R "Theory and problems of Statistics" (Schaum's outline series, McGraw Hill) (1992)
- Karmal P. H. and Polasek M. "Applied Statistics for Economists (4<sup>th</sup> edition), Pitman, Australia.

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M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-E-574  
History of Economic Thought-I

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit - I

**Economic Ideas and the Development of Economic Thinking in Ancient Times:** Hebrew Economic thought Greek Economic Thought: Plato and Aristotle; Roman Economic Thought.

**Medieval Economic Thought:** Cannon Law; Ideas of Saint Thomas Aquinas and Nicholas Oresme.

Unit - II

The Beginnings of the Modern World: Mercantilism: Rise of Mercantilism and its main ideas.

Physicracy: The pre-conditions of the Industrial Revolution; Ideas of Natural Order and Net Product; Quesnay's Tableau Economique.

Unit - III

**Adam Smith:** Philosophy of Naturalism and Optimism. Theories of Value, distribution, Views on division of labour, trade and economic progress.

Unit - IV

**David Ricardo:** Theories of Value, rent distribution and ideas on economic development and international trade.

**Malthus:** Theory of population and gluts.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

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**Suggested Readings:**

- Blackhouse, R. : A History of Modern Economic Analysis, Basil Blackwell, Oxford, 1965.
- Screpanti, Ernesto & Zamagni : An outline of the History of Economic Thought, Stefano Clarndon Press, 1995.
- Gide, C, and G. Rist : A History of Economic Doctrines (2nd edition), George Harrop & Co., London, 1956.
- Grey, A. and A. : The Development of Economic Doctrine (2nd E. Thomson edition), Longman Group, London, 1980.
- Spiegel, H.W : The Growth of Economic Thought, 1991.
- ROLL, E : A History of Economic Thought, 1991 A History of Economic Thought, Faber, London, 1973.
- Schumpeter, J.A : History of Economic Analysis, Oxford University Press, New York, 1954.
- Seshadri, G.B. : Economic Doctrines, B.R. Publishing Corporation, Delhi, 1997.
- Hamey, L.H. : History of Economic Thought, 1949
- Mandel, E. : Marxist Economic Theory, 1968.

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M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>

MAECO-OE-1  
Economic Theory (Open elective)

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-1

Nature and scope of Microeconomics: Difference/relation between micro and macro economics, Role of Assumptions in economic theory.

Demand and Supply Function: Law of demand, assumptions, applicability and criticism. Factors affecting demand. Law of supply, factors affecting supply. Consumer Behaviour: Cardinal approach, ordinal approach: indifference curve theory, budget line, and consumer's equilibrium.

Unit-2

Factors of production: Types and need, Characteristics of labour and land. Production Function: Short-run and long-run production functions, Cost Curves: short-run and long-run traditional and modern cost curves.

Unit-3

Macro economics: Scope and features. Aggregate demand and aggregate supply, National income: concepts, measurement, difficulties in calculating national income. Concepts of equilibrium, multiplier, accelerator and marginal efficiency of capital.

Unit-4

Business cycle: concept, characteristics and phases of business cycle. Fiscal and monetary policy.

Inflation: Concepts, types, causes, effects and measures to control the inflation.

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## Suggested Readings:

- Koutsoyiannes. A. "*Microeconomics*" (Macmillan)
- Lipsey, R.G. and Chrysal, K. Alec "An Introduction to Positive Economics" (OUP)
- Salvatore, D. "Microeconomics Theory" (Schaum's Outline series, Tata McCraw Hill)
- Ackley, G (1978), *Macroeconomics: Theory and Policy*, Macmillan, New York.
- Banson, W.A. (1989), *Macroeconomic Theory and Policy, (3<sup>rd</sup> Edition)*, Harper and Row, New York.
- Dorn Busch, R. and f. Stanley (1997), *Macroeconomics*, McGraw Hill, Inc. New York.
- Heijdra, B.J. and V. P. Fredericck (2001), *Foundation of Modern Macroeconomics*, Oxford University Press, New Delhi.
- Jha, R. (1991), *Contemporary Macroeconomics Theory and Policy*, Wiley Eastern Ltd., New Delhi.
- Shapiro, E. (1996), *Macroeconomics Analysis*, Galgotia Publication, New Delhi.
- Survey, M.J.C. (Ed.) (1976), *Macroeconomics Themes*, Bo and Reed Geoffrey (1994), International economics, Macmillan Press Ltd.
- Peterson, W.C(1978), *Income, Employment and Economics Growth*, Norton , New York
- Sheffrin, Steven M. (1996), *Rational Expectations, 2<sup>nd</sup> edition*, Cambridge University Press.



M.A. Hons. (5 years) Economics  
Semester-7<sup>th</sup>  
MAECO-OE-3  
Issues of Economic Development (open elective)

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

Concept of Economic Development: Economic development vs. economic growth, importance of economic development. Obstacles to economic development: Economic and non economic factors and measures to break vicious circles. Determinants of development: Economic, non-economic and external forces. Measuring development: PQLI and HDI.

Unit-II

Inequality and Poverty: concept, measuring inequality, measuring poverty, characteristics of poverty groups, measures for alleviation of poverty, inequality and unemployment.

Unit-III

Scientific Socialist World Outlook: World outlook, Idealism and materialism, Metaphysics and dialectics, Laws of dialectics, Theory of cognition.

Unit-IV

Distinguishing features of Primitive Communism/ society, Slavery, Feudalism/serfdom, Capitalism/imperialism and Socialism/communism.

Asiatic Mode of Production: concept, Asiatic mode vs. Feudalism, Characteristics of Asiatic mode.

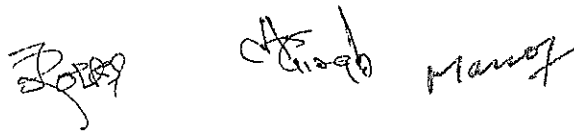
**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

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### Suggested Readings:

- Meir, G. M.(1995), *Leading Issues in Economic Development*, Oxford University Press, New Delhi.
- Mishra S.K. and V.K. Puri, *Economics of Development and Planning*, Himalaya, Publishing House, Mumbai
- Todaro, M. P. *Economic Development*, Latest Edition, Longman, London.
- Thiwal A.P.(2003), (6<sup>th</sup> Edition), *Growth and Development*, seventh Edition, Macmillan, New York.
- Hogendorn, J. (1996), *Economic Development*, Addison, Wesley, New York.
- Karl Marx & F. Engels (1977): *Manifesto of the Communist Party*, Progress Publishers, Moscow, 2nd edition, pp. 34-74.
- Joseph Stalin (1978): *Dialectical Materialism*, National Book Agency, Pvt. Ltd., Calcutta, pp.5 to 48.
- Maurice Cornforth (1971): *Dialectical Materialism*, National Book Agency, Pvt. Ltd. ,Calcutta, 3rd edition, Vol. 1, Chs. 2-9, Vol. II, Chs. 3-10.
- John Eaton (1973): *Political Economy*, International Publishers, New York, revised edition, Chs. 2-11.


 The block contains three handwritten signatures or initials in black ink. From left to right: a stylized signature that appears to be 'S. K. Mishra', a signature that appears to be 'V. K. Puri', and a signature that appears to be 'M. P. Todaro'.

M.A. Hons. (5 years) Economics  
Semester- 8<sup>th</sup>  
MAECO- C-581  
Growth and Development

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT-1

Economic growth and economic development-meaning and measurement. Concept of sustainable development, human development index and physical quality of life index, obstacles of economic development, sources of economic growth, growth and income distribution; the Kuznets Hypothesis.

UNIT-II

Theories of Development- Myrdal theory of circular causation, Ranis-Fei Model, Low level Equilibrium trap, Dependency theory of development.

Growth Models- Horrod-domar, solow, Meade, Kaldor and Pasinetti models, Cambridge criticism of Neo-classical analysis of growth.

UNIT-III

Role of agriculture in economic development; Efficiency and productivity in agriculture, New technology and sustainable agriculture; Globalization and agricultural growth; Rationale and pattern of industrialization in developing countries; The choice of techniques and appropriate technology and employment; Efficiency of small-scale vs. large-scale production; Terms of trade between agriculture and industry; Infrastructure and its importance; Labour markets and their functioning in developing countries.

UNIT-IV

Role of monetary and fiscal policies in developing countries-Prior savings, inflation and growth-Empirical evidence; External resources-FDI, aid vs. trade, technology inflow; MNC activity in developing countries; Borrowings-domestic and external; Burden of borrowing-W.T.O., IMF and World Bank policies in developing countries.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

*Handwritten signatures:* Dava, A. Singh, Manoj

**Suggested Readings:**

- Meir, G. M.(1995), *Leading Issues in Economic Development*, Oxford University Press, New Delhi.
- Mishra S.K. and V.K. Puri, *Economics of Development and Planning*, Himalaya, Publishing House, Mumbai
- Todaro, M. P. *Economic Development*, Latest Edition, Longman, London.
- Thiwal A.P.(2003), (6<sup>th</sup> Edition), *Growth and Development*, seventh Edition, Macmillan, New York.
- Hogendorn, J. (1996), *Economic Development*, Addison, Wesley, New York.

Prasad

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Mishra

M.A. Hons. (5 years) Economics  
Semester-8<sup>th</sup>  
MAECO- C-582  
International Economics

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT-I

The pure theory of international trade-theories of absolute advantage, comparative advantage and opportunity costs, modern theory of international trade; Theorem of factor price equalization.

UNIT-II

Kravis and Linder theory of trade. The Rybinszyski theorem –concept and policy implications of immiserizing growth; Causes of emergence and measurement of intra-industry trade and its impact of developing economies.

UNIT-III

Measurement of gains from trade and their distribution; concepts of terms of trade, their uses and limitations; Hypothesis of secular deterioration of terms of trade, its empirical relevance and policy implications for less developed countries; Trade as an engine of economic growth.

Unit-IV

The theory of interventions (Tariffs, Quotas and non-tariff barriers); Economic effects of tariffs and quotas on national income, output, employment, terms of trade, income distribution, balance of payments on trade partners both in partial and general equilibrium analysis. The political economy of non-tariff barriers and their implications.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Bhagwanik, J. (Ed.) (1981), International Trade, Selected Readings:s, Cambridge University Press, Massachusetts.
- Carbouth, M. (1999), International Economics, International Thompson Publishing, New York.
- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan.
- Dana, M.S. (2000), Int, London.'
- Dunn, R.M. and I.H. Muernational Economics: Study Guide and Work Book (5'1 Edition), Rutledge Publisherstt (2000), International Economics, Rutledge Publishers, London.
- Kenen, P.B. (1994), The International Economy, Cambridge University Press, London.
- Kindleberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
- King, P.G. (1995), International Economics and International Economic Policy: A Reader, McGraw Hill International, Singapore.
- Krufnran, P.R. and I, l. Obstfeld (1994), International Economic: Theory and Policy, Glenview, Foresman.
- Salvatore, D. (1997), International Economics, Prentice Hall, Upper Saddle River, N.J. New York.
- Soderston, BO (1991), International Economics, The Macmillan Press Ltd., London.

*Handwritten signatures:* [Signature 1] [Signature 2] [Signature 3]

M.A. Hons. (5 years) Economics

Semester-8<sup>th</sup>

MAECO- C-583

Public Economics – II

Max. Marks: 100

Time: 3 Hours

External Examinations: 70

Internal Assessment: 30

Unit-I

Public Expenditure – Meaning, Classification and role of public expenditure; Wagner's law of increasing state activities; Wiseman-Peacock hypothesis; canons and effects of public expenditure; Expenditure programmes for poverty alleviation.

Unit-II

Budgeting-Meaning and purpose of budget; Types or classification of Budget; Budget making process in India; Measures of budget deficit and their significance; Parliamentary Control over budget; Zero base budgeting; Balanced budget multiplier.

Unit-III

Public Choice under direct democracy---Unanimity rule; Majority voting system; Buchanan-Tullock Model; Arrow's impossibility theorem; Public choice under representative democracy-Downs' model; Niskanen model of bureaucracy.

Unit-IV

Public enterprises – forms of organization; pricing policy; capacity constraints and peak load problem; Fiscal Federalism--- Principles of multi-unit finance; Fiscal sector reforms in India; Union-state financial relation in India; Report of latest finance commission.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.



**Suggested Readings:**

- Masgrave R.A and Masgrave P.B., Public Economics in Theory and Practice, McGraw Hill.
- Stiglitz, J.E., Economics of Public Sector, J.W. Norton & Company.
- Singh, S.K., Public Finance in Theory and Practice, S. Chand & Co.
- Government of India, Ministry of Finance: Economics Survey (of various years).
- Raja J. Chelliah, Towards Sustainable Growth, Essays in Fiscal and Financial Sector Reforms in India, Oxford University Press, Delhi, 1996
- Deena Khatkhate (ed.), Money and Finance: Issue, Institutions, Policy, Sameeksha Trust, Orient Longman, 1998.
- Kunal Sen & Rajendra R. Vidya (ed.), Process of Financial Liberalization in India, Oxford University Press, 1997.
- Mundel Sudipto (ed.), Public Finance: Policy Issue, of India.
- Brown C.V. and Jackson P.M. (1990), Public Sector Economic, Basil Blackwell, Oxford.
- M. Govindia Rao and Tapan Sen (1998), Financial Federalism in India.
- Atkinson A.B. and Stiglitz, J.E. (1980), Lectures on Public Finance, Tata McGraw Hill.
- Auerbach, A.J. and M. Feldstern (ed.) (1985), Handbook of Public Economics, Vol-I, North Holland, Amsterdam.
- Raghavendra Jha (1999), Modern Public Economics, Rotledge, London.
- Srivastava D.K. (ed.) (2000), Fiscal Federalism in India, Har-Anand Publication Ltd., New Delhi.
- Bhargava P.K. (1991), India's Fiscal Crisis, Ashish Publishing House, New Delhi.
- Govt. of India, Ministry of Finance (1998), Sarkaria Commission Report on Centre State Finance Relations.

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M.A. Hons. (5 years) Economics  
Semester-8<sup>th</sup>  
MAECO- C-584  
Political Economy of Development-II

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

**Marxian Political Economy: Basic Analysis of Capitalism:** The context, Approach and methodology, Capitalism and commodity production, Labour and Law of value, Commodity fetishism, Surplus-value, socio-economic crisis Contradictions of capitalist development. Third World (late) capitalism.

**Analysis of Capitalist Agriculture:** Capitalism in general and capitalism in agriculture, Its essence, manifestations and consequences, Its limitations and contradictions.

Unit-II

**Process of Market Mechanism and Planning:** Nature of market mechanism, Evolution of planning, Aims and forms of planning, Interaction of planning and market mechanism.

**Nature and Process of Development:** Nature of Capital Accumulation : Primitive capital (its) accumulation and its methods, Methods of capitalist accumulation and its limits, Methods of primitive social (its) accumulation and its limits, Features of socialist accumulation and its problems.

**Process of Reproduction:** Nature of reproduction Forms of reproduction, Simple and expanded reproduction, Process of capitalist reproduction and its crisis, Process of socialist reproduction and its implications.

Unit-III

**Imperialism and the Third World**

**Transition of Imperialism:** Origin of capitalism, Rise of monopoly capitalism, context of imperialism, Marxian and non-Marxian approaches, Lenin on imperialism, Colonialism and neo-Colonialism, Methods of neo-colonialism, Forces against imperialism/neo-colonialism.

**Third World Underdevelopment:** Imperialism and the Third World, Mode of; underdevelopment, Methods and process of exploitation, Structure of imperialist globalization, Dependent development in the Third World.

Unit-IV

**Transition of Socialism Dialectics of Transition:** General consideration, Basic pre-requisites, Aims of post-revolutionary society (of socialism/communism). Debate(S) on Transition: Need of a transition (al) period, Economic policies and tasks, Strategy of development.

**Post-Revolutionary Society:** Characteristics of post-capitalist society, Problems of transition, Structure of production relations under capitalism and socialism.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

### Suggested Readings:

- Karl Marx & F. Engels (1977): Manifesto of the Communist Party, Progress Publishers, Moscow, 2<sup>nd</sup> edition, pp. 34-74.
- John Eaton (1973): Political Economy, International Publishers, New York, revised edition, Chs. 2-11.
- Paul M. Sweezy (1991): The Theory of Capitalist Development, K.P. Bagchi & Co., New Delhi, 1<sup>st</sup> Indian reprint, Chs. 1,2,4,5,6,8,9,14,15 & 17.
- E. Preobrazhensky (1965): The new Economics, Oxford University Press, London, Chs.1 & 2.
- J. WEilczynski (1982): The Economics of Socialism, S. Chand & Co. Ltd., New Delhi, 1<sup>st</sup> ed., Chs. 1 to 15.
- V.I. Lenin (1978): Imperialism: The Highest Stage of Capitalism. Progress Publishers, Moscow. 17<sup>th</sup> ed., Chs 1 to 10 or Lenin's Collected Works, Vol. 22.
- Ranjit Sau (1978): Unequal Exchange: Imperialism and Underdeveloped, Oxford University press, Delhi.
- Paul M. Sweezy & Charles Bettelheim (1972): On the Transition to Socialism, Monthly Review Press, New York & London. 2<sup>nd</sup> edition.
- Paul M. Sweezy (2000): Post -Revolutionary Society, Cornerstone Publications, Kharagpur, India.
- Samir Amin (1997): Capitalism in the Age of Globalization, Madhya, Books, Delhi.
- Prabhat Patnaik (1995): Whatever Happened to Imperialism and other Essays, Tulika, New Delhi.
- Nirmal S. Azad (2004): On the Proletarian State and Socialism (monograph), Department of Economics, Punjabi University, Patiala.
- Yotopoulos and Nugent (1976), Economics of Development – Empirical Investigation, Harper and Row, New York.
- Higgins, B. (1966), Economic Development – Problems, Patterns and Policies, Central Book Depot, Allahabad.
- Todaro, M.P. (1966), Economic Development in Third World, Orient Longman, Hyderabad.

M.A. Hons. (5 years) Economics  
Semester-8<sup>th</sup>  
MAECO-E-581  
Agricultural Economics-II

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

Land Reforms in India: Agricultural Development and Tenurial conditions: Land Reforms – The Theoretical Issues (Meaning, Important changes caused by Land Reform and Objectives of Land Reforms); Land Reforms; Ceiling on Land Holdings; Implementation of Land Reforms in India. Strategy for Development of Indian Agriculture; The Green Revolution; Factors responsible for Green Revolution; Economics Benefits of Green Revolution; Measures for making Green Revolution all pervasive; Regional disparities created by Green Revolution; Inter-farm disparity in Income; Green Revolution and Employment. Trends in Migration and Labour markets; Minimum Wages Act.

Unit-II

Terms of Trade between Agriculture and Industry: Meaning; Impact of change in terms of trade in favour of and against agriculture; changes in terms of trade between agriculture and industry during the course of economic development; Terms of trade between agriculture and industry in India since Independence; Agricultural marketing: Need for an efficient system of agricultural marketing; Efficiency of agricultural Marketing system in India; Measures to improve the efficiency of agricultural marketing in India. Cooperative movement in India – organization structure and development of different types of cooperatives in India.

Unit-III

Agricultural Credit: Importance of agricultural credit; Sources (formal and informal), problems and Government policies since Independence. Capital formation in the rural sector – savings, assets and credits. Issues in Agriculture price policy: objectives of Agricultural Price Policy; Main elements of Agricultural price Policy; Agricultural Price policy in India: Its evolution; objectives of Price policy of India; Important constitution of Agriculture Price Policy in India; Critical Evaluation of India's Agriculture Price policy; Need for Revision of Agricultural Price Policy in India.

Unit-IV

The New Economic Policy and Indian Agriculture: Macro Economic Stabilization measures; structural Adjustments in the Agricultural Sector. World Trade Organization and Indian

Agriculture; Model of Production Debate: Private V/s Public investment in Agriculture; Trends in public and private investment in Indian Agriculture.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

### Suggested Readings:

- Southworth, H.M. and B.F. Johnston (ed.) Agricultural Development and Economic Growth (Cornell University Press, London, 1974).
- Heady, E.O. Economics of Agricultural Production and Resources Use (Prentice Hall India Ltd. New Delhi-1964).
- Schult, T.Z. Transforming Traditional Agriculture (Yale University Press, 1964).
- Basu, K. Agrarian Structure and Economic Under Development (Harwood Academic, London 1980).
- Sadhu, A.N. and A. Singh, Agricultural Problems in India (Himalaya Publishing House, Bombay).
- Mellor, J.W. The Economics of Agricultural Development (Vora and Co. Bombay, 1966).
- Kahlon, AS. And Tyagi, D.S. Agricultural Price Policy in India (allied Pub. New Delhi, 1983).
- Kaur, Rajbans Agricultural Price Policy in Economic Development.
- Bilgrami, SAR An Introduction to Agricultural Economics (Himalaya Pub. House, Bombay).
- Rudra Ashok Indian Agricultural Economics: Myth and Realities (Allied Pub. New Delhi 1982).
- Soni, RN. Leading Issues in Agricultural Economics (Sohan Lal Nagin Chand Co. Jalandhar, 2006).
- Frankel, Francis, R India's Green Revolution, Economic Gain and Political Costs (OUP Bombay 1971).
- Lekhi R.K. & Singh Joginder, Agricultural Economics, Kalyani Publishers, New Delhi.
- Sankhayan P.L., Introduction to the Economics of Agricultural Production, Prentice Hall of India Private Limited, New Delhi.
- Reddy S. Subha, Raghu Ram P. Sastry T.V. Neelakanta & Devi I Bhavani, Agricultural Economics, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
- Acharya, S.S. & Agarwal N.L., Agricultural Prices-analysis and policy, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.

27

Manoj

Rajesh

A. Singh

M.A. Hons. (5 years) Economics  
Semester-8<sup>th</sup>  
MAECO-E-582  
Labour Economics

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit 1

Non-wage component of labour remuneration; inflation-wage relationship at micro and macro levels;  
Productivity and wage relationship; National wage policy; Wages and Wage Boards in India; Bonus system and profit sharing.

Unit 2

Theories of labour movement – Growth, pattern and structure of labour unions in India, achievements of labour unions; Causes of industrial disputes and their settlement and prevention mechanism.

Unit 3

Role of tripartism; Current trends in collective bargaining; Role of judicial activism; labour legislation in India with special reference to the Trade Union Act 1923, Industrial Disputes Act 1947 and Factories Act 1948.

Unit 4

State and social security labour – Concept of social security and its evolution; Review and appraisal of state policies with respect to social security and labour welfare in India.  
Special problems of labour; Child labour, female labour, discrimination and gender bias in treatment of labour; Labour market reforms – Exit policy, need for safety nets, measures imparting flexibility in labour markets; Globalization and labour markets.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.



### Suggested Readings:

- Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publisher, New Delhi.
- Lester, R.A. (1964), Economics of Labour, (2nd Edition), Macmillan, New York.
- McConnell, C.R. and S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York.
- Papola, T.S., P.P. Ghosh and A.N. Sharma (Eds.) (1993), Labour, employment and industrial Relations in India, B.R. Publishing Corporation, New Delhi.
- Venkata Ratnam, C.S. (2001), Globalization and Labour-Management Relations: Dynamics of Change, Sage Publications/Response Books, New Delhi.
- McCormick B. and Smith (Eds.)(1968), The Labour Market, Penguin, Harmondsworth.
- Das, N. (1960), Unemployment, Full Employment and India, Asia Publishing House, Bombay.
- Deshpande L.K. and J.C. Sandesara, (Eds.)(1970), Wage Policy and Wages Determination in India, Bombay University Press, Bombay.
- Hicks J.R. (1932), The Theory of Wages, Clarendon Press, Oxford.
- Mazumdar, D. (1989), Micro-economic Issues of Labour Markets in Developing Countries, EDI Services Paper No. 40, World Bank, Washington D.C.
- Memoria, C.B. (1966), Labour Problems and Social Welfare in India, Kitab Mahal, Allahbad.
- Punekar, S.D. (1978), Labour Welfare, Trade Unionism and Industrial Relations, Himalaya Publishing House, Bombay
- Singh V.B. (Ed.) (1970), Industrial Labour in India, Popular Parakashan, Bombay.
- Misra, L. (2000), Child Labour in India, Oxford University Press, New Delhi.
- Riveros, L. (1990), Labour Market Policies and Labour Market Reforms in Socialist Economies, World Bank, Washington D.C.

*Manoj*

*Prakash*

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2018

M.A. Hons. (5 years) Economics  
Semester- 8<sup>th</sup>  
MAECO-E-583  
Mathematics for Economists

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT-I

Linear and quadratic equations: Definition and methods of linear and quadratic equations.  
Applications of linear and quadratic equations.

UNIT-II

Differentiation definition, Addition rule, Power function rule, Product rule and Quotient rule, implicit function, Parametric functions; Definition of logarithms, Derivatives of Exponential function, Higher order derivatives and partial derivative & applications of derivative.

UNIT-III

Integration; Definition and its rules and methods (integration by substitution, parts and partial fraction). Application of integration.

UNIT-IV

Game Theory: Definition, concepts and its types (Pure strategy game and mixed strategy game).

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Chiang, Alpha C. "Fundamental Methods of Mathematical Economics" (Mc-Graw Hill)
- Dowling Edward T "Mathematics for Economists" (Schaum's outline Series; Tata Mc-Graw Hill)



M.A. Hons. (5 years) Economics  
Semester-8<sup>th</sup>  
MAECO-E-584  
History of Economic Thought-II

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit - I

Economic idea of J.B.Mill , Senior and List , Origin of Socialist Thought.

Unit - II

Socialist Ideas: Sismondi, Saint-Simon and Production. Marxian Philosophy: Dialectical Materialism and Historical Materialism. Marxian theories of value, surplus value, profit and crisis of capitalism. .

Unit - III

Marginalist Revolution: Jevons, Wairas, Manger, Neo-classical thought: Marshall.

Welfare Economics: Hobson and Pious.

Unit - IV

Indian Economic Thought: Ancient Indian Economic Thought: Kautilyal; Valluvar

Founders of Indian Economics: Dadabhi Naoroji, G.K. Gokhale, R.C. Dutt and M. Visvesvaray.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Blackhouse, R. : A History of modern Economic Analysis, Basil Blackwell, Oxford, 1965
- Screpanti, Emesto. & Stefano Zamagni : An outline of the History of Economic Thought, Clarendon Press 1995.
- Ganguli, B.N : Indian Economic Thought: A 19th Century Perspective, Tate McGraw Hill New Delhi, 1977.
- Gide, C. and G. Rist: A History of Economic Doctrines (2nd edition) Longman Group, London. 1980.
- Kautilya : The Arthashastra, Edited, Rearranged, Translated and Introduced by L.N. Rangarajan, Penguin Books, New Delhi, 1992.
- Spiegel, H.W. : The Growth of Economic Thought, 1991.
- Roll, E. : A History of Economic Analysis, Oxford University Press, New York, 1954.
- Schumpeter, J.A. : History of Economic Analysis, Oxford University Press, New York, 1954.
- Seshadri, G.B. : Economic Doctrines, B.R. Publishing Corporation, Delhi, 1997.
- Hamey, L.H, : History of Economic Thought, 1949.
- Mandel, E. : Marxist Economic Theory, 1968.
- Gandhi, M.K : Indian of My Dreams, Navajivan Publishing House, Ahmadabad, 1947.
- Naoroji, Dadabhai : Poverty and Un-British Rule in India.
- Visesvaraya, M. : Planned Economy of India.

*Dev*

32  
*Arind*

*Manoj*

M.A. Hons. (5 years) Economics  
Semester-8<sup>th</sup>  
MAECO-OE-2  
Indian Economy: Issues, Outlook and Prospects (open elective)

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

**Unit I**

Basic characteristics of the Indian economy as developing Economy: Major issues of development, Indian economy in the pre-British period, Economic consequences of British conquest. Decline of Indian Handicrafts and progressive Realization of the Indian economy. Commercialization of agriculture Post Green Revolution.

**Unit II**

Agricultural Economics: Its scope and nature, Difference between the agriculture and industry, Role of agriculture in economic development, contributions of industry to the development of agriculture, Interdependence of agriculture and industry, agricultural price policy for developing countries.

**Unit III**

Industry and Economic Development: Role of the Industrialization & Pattern of the Five year plan. Role of small scale industries in Indian Economy. Privatizations, liberalization and globalization. Its impact on Indian economy

**Unit IV**

Importance of Foreign Trade for developing Economy. India's Balance of Payments on Current Account. Current Export and Import policy, Impact of WTO on various aspects of Indian Economy. WTO, subsidies and agriculture.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

## Suggested Readings:

- Bardhan. P.K. (9<sup>th</sup> Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
- Brahmanada, P.R. and V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
- Datta, R. and K P. M. Sundhram (latest edition), Indian Economy. S. Chand & Company Ltd. New Delhi.
- Government of India, Economic Survey, (Annual), Ministry of Finance, New Delhi.
- Mishra, S.K and V.K. Puri Indian Economy-151 Development Experience, Himalaya Publishing House, Mumbai, Latest Edition.
- Rudra Ashok, Indian Plan Models.
- Todaro, P. Development Planning: Models and Methods.
- United Nations, Guidelines for Project Evaluation.
- Wadhwa, C.D.(ed.), Some Problems of India's Economic Policy, 1987.
- Choudhary, Pramit (ed.), Aspects of Indian Economic Development, 1971.
- Rao, Hanumantha, C.H., Technological change and Distribution of Gains in Indian Agriculture, 1980.
- Ahluwalia, I.J., Industrialising Growth in Indian Stagnation since Mid 60's 1985.
- Kapila, Uma (ed.) Indian Economy Since Independence, 1993.
- Dholkia, B.H., Sources of Economic Growth.
- Jalan, Bimal (ed.), The Indian Economy Problems and Prospects.
- Chaudhari, Pramit. The Indian Economy : Poverty and Development, 1978.
- Brahmanada, P.R. and Panchmukhi, V.R.(ed.) The Development Process of the Indian Economy, Himalaya Publishing House, Bombay, 1987.
- Dantwala, M.L., Indian Agriculture Development since Independence, Oxford, IBH Pub. Co., New Delhi, 1991.
- Uppal, J.S. Indian Economic Problems- An Analytical Approach (ed.), Tata McGraw Hill, New Delhi (reprint), 1987.
- Saini, G.R: Farm Size, Resource use efficiency and Income Distribution, Allied Publishers Pvt. Ltd., New Delhi, 1979.
- Swamy, D.S. The Political Economy of Industrialisation, Sage Publications, Delhi, 1994.
- Soni, R. N. Leading Issues in Agricultural Economics, Vishal Publishing Company.

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M.A. Hons. (5 years) Economics  
Semester- 8<sup>th</sup>  
MAECO-OE-4  
Money, Banking and Public Finance (Open Elective)

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-1

Money: Barter system; Evolution, definition and functions of money; Classification of Money; Role of money in various economic systems; Gresham's Law of money; Demand for Money- different views, Factors affecting the demand for money; Supply of money-determination, factor affecting the supply of money.

Unit-2

Banking System: Meaning & functions of Commercial banks; Credit creation- Process and limitations; Meaning and functions of Central Banks; Difference between Central Bank and Commercial Banks; Role of Central Bank in an Under-Developed economy; Credit Control- Objectives of control of money supply; Quantitative and Qualitative methods of credit control;

Unit-3

Public Finance: Meaning, scope and subject matter, Role of public finance in national economy; Principle of maximum social advantage Concepts of public goods, private goods, mixed goods and features of public goods.  
Public debts---objectives and sources of public debt; classification and effects of public debt; burden of public debt; Principles of debt management and redemption of public debt;

Unit-4

Public Expenditure – Meaning, Classification and role of public expenditure; canons and effects of public expenditure;  
Budgeting-Meaning and purpose of budget: Types or classification of Budget; Budget making process in India; Zero base budgeting.

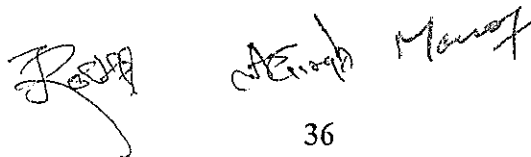
Note: The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

22/11/20  
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**Suggested Readings:**

- Lockett, D.G. Money & Banking, McGraw Hill, New York, 1976.
- Gupta, S.B. Monetary Planning for India, University Press, New Delhi.
- Cargill, T.F. Money: The Financial system and monetary policy, Englio Wood Cliffs, Prentice Hall, 1979.
- Masgrave R.A and Masgrave P.V., Public Economics in Theory and Practice, McGraw Hill.
- Stiglitz, J.E., Economics of Public Sector, J.W. Norton & Company.
- Singh, S.K., Public Finance in Theory and Practice, S.Chand & Co.
- Government of India, Ministry of Finance: Economics Survey (of various year).
- Raja J. Chaliah, Towards Sustainable Growth, Essays in Fiscal and Financial Sector Reforms in India, Oxford University Press, Delhi, 1996.
- Deena Khatkhate (ed.), Money and Finance: Issue, Institutions, Policy, Sameeksha Trust, Orient Longman, 1998.
- Kunal Sen & Rajendra R. Vidya (ed.), Process of Financial Liberalization in India, Oxford University Press, 1997.
- Mundel Studipto (ed.) Public Finance: Policy Issue of India.
- Brown C.V. and Jackson P.M. (1990), Public Sector Economic, Basil Balackwell, Oxford.
- M. Govindia Rao and Tapan Sen (1998), Financial Federalism in India.
- Atkinson A.B. and Stightz, J.E. (1980), Lectures on Public Finance, Tata McGraw Hill.
- Auerback, AJ. And M. Feldstern (ed.) (1985), Handbook of Public Economics, Vol-I, North Holland, Amsterdam.
- Raghavendra Jha (1999), Modem Public Economics, Rotledge, London.
- Srivaslava D.K. (ed.) (2000), Fiscal Federalism in India, Har-Anand Publication Ltd., New Delhi.
- Bhargava P.K. (1991), India's Fiscal Critis, Ashish Publishing House, New Delhi.
- Govt. of India, Ministry of Finance (1988), Sarkaria Commission Report on Centre-State Finance Relations.



M.A. Hons. (5 years) Economics  
Semester- 9<sup>th</sup>  
MAECO-C-591  
Advanced Economics Theory

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT – I

Recent Developments in the Theory of Market Demand; The Pragmatic Approach to Demand Analysis, Linear Expenditure Systems and The Demand for the Product of a Firm. Relevance of the Shape of Cost in Decision-making; Engineering Cost Curves, The Analysis of Economies of Scale and Empirical Evidence on the Shape of Costs.

UNIT – II

Managerial Theory of The Firm; Marris's Model of The Managerial Enterprise and O. Williamson's Model of Managerial Discretion. Welfare Economics; Criteria of Social Welfare, Maximization of Social Welfare, Determination of the Welfare-Maximizing Output-Mix, Commodity Distribution and Resource Allocation, Welfare Maximisation and Perfect Competition and Critique and Extensions.

UNIT – III

The Demand for Money: Post Keynesian Approach – Baumol, Tobin and Friedman. Supply of Money: Components, Determinants of money supply – High-power Money, Money Multiplier. Financial Markets: Trade off and None Trade-off between inflation and unemployment – The Phillips Curve (short run and long run); Inflationary Pressure Curve and the Natural Rate of unemployment.

UNIT – IV

Recent Developments in Macro Economics: Rational Expectations and Macroeconomic Policy; New Classical Model and Keynesian Model. Deficits and the Composition of Government Spending. Financial Crises; Financial Intermediation and Risk, Macroeconomics and Risk Premiums.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- A. Koutsoyiannis "Modern Microeconomics" (Macmillan).
- Lipsey, R.G. and Chrysal, K. Alec "An Introduction to Positive Economics" (OUP)
- Salvatore, D. "Microeconomics Theory" (Schaum's Outline series, Tata McCraw Hill)
- Errol D'Souza "MACROECONOMICS" (PEARSON).
- Ackley, G (1978), *Macroeconomics: Theory and Policy*, Macmillan, New York.
- Banson, W.A. (1989), *Macroeconomic Theory and Policy, (3<sup>rd</sup> Edition)*, Harper and Row, New York.
- Dorn Busch, R. and f. Stanley (1997), *Macroeconomics*, McGraw Hill, Inc. New York.
- Heijdra, B.J. and V. P. Fredericck (2001), *Foundation of Modern Macroeconomics*, Oxford University Press, New Delhi.
- Jha, R. (1991), *Contemporary Macroeconomics Theory and Policy*, Wiley Eastern Ltd., New Delhi.
- Shapiro, E. (1996), *Macroeconomics Analysis*, Galgotia Publication, New Delhi.

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M.A. Hons. (5 years) Economics  
Semester-9<sup>th</sup>  
MAECO-C-592  
Agricultural Marketing in India

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

**Unit-1**

Agricultural Marketing-Definition and concept, need for understanding, Scope and subject matter, New role of agricultural marketing, differences in marketing of agricultural and manufactured goods.

Markets and market structure; Market; Meaning, components of a Market, Dimensions of a Market, Classification of Markets, Growth of Markets, Factors affecting rate of market development, market structure: meaning components of market structure, dynamics of market structure-conduct and performance.

**Unit-2**

Agricultural marketing and economic development; importance of agricultural marketing , history and growth of agricultural marketing , producer's surplus of agricultural commodities, meaning and types of producer's surplus, relationship between marketed surplus and marketable surplus. characteristics of developed markets and ideal system of agriculture marketing, ideal marketing system, characteristic of a good marketing system , scientific marketing of farm products, commandments of scientific marketing, mechanization/modernization of foodgrain markets.

**Unit-3**

Marketing functions-meaning and classification, packaging: meaning of packing and packaging , advantages of packing and packaging,

Advantages of transport function; means of transport, transportation infrastructure, transportation cost, factors affecting the cost of transportation, problems in transportation of agricultural commodities , suggestions for improvement,

Grading and standardization,; meaning , types of grading, criteria for grade standards, inspection and quality control, labeling, advantages of grading, producer's difficulties in grading, popularization of grading.

International organization for standardization storage and warehousing; storage, meaning and need, storage practices in India risks in storage, storage structures, underground storage structures, surface storage structures, essentials of a good foodgrains storage, improved grain storage structures.

#### Unit-4

Market Information; meaning importance, types of market information, criteria for good market information, collection and dissemination of market information, criticism of market information, suggestions for improvement in Market information, market intelligence in India, market intelligence scheme in India, IT applications in agricultural marketing, Nabard in Agricultural marketing finance, risk taking /risk bearing, meaning and importance of risk, types of risk in marketing, minimization of risks, speculation and hedging.

Futures trading; meaning, commodities for futures trading, services rendered by a forward market, dangers of forward market forward market commission, progress in India.

Marketing channels; definition, factors affection length of marketing channels, innovative marketing channels (Direct marketing) objectives, history functioning, contract farming/contract marketing; meaning, advantages of contract farming, experience in contract farming, incentives for promoting contract farming.

Government intervention and role in agricultural marketing: Directorate of marketing & inspection. State marketing departments, recent initiatives for improving agricultural marketing, EXIM policy-2009-14 on trade.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

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### Suggested Readings:

- Acharya, S.S. and N.L. Aggarwal, Agricultural marketing in India, Oxford & IBH (Fourth Edition).
- Thomson, F.L., Agricultural Marketing, Mc-Graw-Hill company, Inc. New York, 1951.
- Kiehl, Elmer R., Agricultural Marketing in India-Role, Strategies and Implications, The Ford Foundation, New Delhi-January 1969.
- J.R., S.S. Johl and A.M. Khusro, Indian Foodgrains Marketing, Prentice Hall of India Pvt. Limited, New Delhi, 1973.
- Converse, P.D., H.W. Huegy and R.V. Mitchel, Elements of Marketing, Seventh Edition, Englewood Cliffs, N.J., Prentice-Hall Inc., 1965.
- Tousley, R.D. and others, Principles of Marketing, Macmillan Publishing Company, New York, 1968.

*Jeon*      *Aruna*      *Manoj*

**M.A. Hons. (5 years) Economics**  
**Semester-9<sup>th</sup>**  
**MAECO-C-593**  
**Financial Institutions and Markets**

**Max. Marks: 100**  
**Time: 3 Hours**

**External Examinations: 70**  
**Internal Assessment: 30**

**Unit-I**

Nature and Role of Financial System, term Structure theories of Interest Rates, Money and finance money and near money, financial intermediation and financial intermediaries, The structure of the financial development.

**Unit-II**

Equilibrium in Financial Markets, Relationship between Financial System and Economic Development, Risk and financial assets, types of risk, return on assets, Risk – Return trade off, General principle of Valuation of securities.

**Unit-III**

Role of money market and capital market: Call money market, Treasury bill market, Commercial bill market including commercial paper and certificate of deposits, Discount market – Government securities market – Market for derivation: future and options, and other derivatives: types, uses and pricing of derivation – Primary, and secondary market for securities.

**Unit-IV**

SEBI: Its impact on the working of capital market in India; IRDA and its role in financial markets – Theory of optimum currency areas – Euro-dollar and Euro-Currency markets – Their development role at international level.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

### Suggested Readings:

- Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
- Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahabad.
- Edminster, R.O. (1986), Financial Institutions, Market and Management, McGraw Hill, New York.
- Goldsmith, R.W. (1969), Financial Structure and Development, Yale, London.
- Hanson, J.A. and S. Kathuria (Eds.) (1999), India: A Financial Sector for the Twenty-first Century, Oxford University Press, New Delhi.
- Karker, P.T. and S.A. Zenios (000) (Ed.), Performance of Financial Institutions, Cambridge University Press, Cambridge.
- Johnson, H.J. (1993), Financial Institutions and Markets, McGraw Hill, New York.
- Khan M.Y. (1996), -- Indian Financial System, Vikash Publishing House, New Delhi.
- Machiraju, M.R. (1999), Indian Financial System, Vikash Publishing House, New Delhi.
- Ohlson, J.A. (1987), The Theory of Financial Markets and Institutions, North Holland, Amsterdam.
- Prasad, K.N. (2001), Development of India's Financial System, Sarup & Sons, New Delhi.
- Robinson, R.I. and D. Wrightman (1981), Financial Markets, McGraw Hill, London.
- Smith, P.F. (1978), Money and Financial Intermediation: The Theory and Structure of Financial System, Prentice Hall, Englewood-Cilffs, New Jersey.

*Prasad*      *Ohlson*      *Manoj*

**M.A. Hons. (5 years) Economics**  
**Semester-9<sup>th</sup>**  
**MAECO-C-594**  
**Research Methodology**

**Max. Marks: 100**  
**Time: 3 Hours**

**External Examinations: 70**  
**Internal Assessment: 30**

**Unit-I**

Research: Meaning, purpose, Significance and Types of Research.

Social Research: Meaning, Characteristics, objectives and fundamental concepts of Social Research.

Research Problem: Definition and Statement of the Problem, criteria techniques and precautions involved in detaining the problem

**Unit-II**

Hypothesis: Meaning, features, Significance, types, Sources and criteria of a Good Hypothesis

Scientific Method: Meaning Characteristics stages and Limitations of scientific method. Problem of values, objectivity and ethical issues of Research in Social Sciences.

**Unit-III**

Review of Related Literature: Meaning, Purpose, exploring and locating the Sources of relevant literature Organising and Analyzing the reviewed literature.

Research Design: Meaning, features, Need and types of Research Design. Experimental Design in Social Research

**Unit-IV**

Sampling: Meaning, Features Advantages, Limitations and types.

Data Collection: Primary Data and Secondary Data. Tools and Techniques of Data Collection: Observation, Questionnaire, Interview, Interview Schedule. Criteria to select appropriate tools for Data Collection.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.



**Suggested Readings:**

- B.M., Jain; Research Methodology, Research Publications (Hindi), Jaipur, 1995.
- C.R. Kothari: Research Methodology: Methods & Techniques (2<sup>nd</sup> Ed.), Wishwa Prakaskah, New Delhi, (Reprint), 2002.
- C.J., Pearsons: Thesis & Project Work, A Guide to Research & Thesis Writing, Allen & Unwin, London, 1973.
- Devendra Thakur, Research Methodology in Social Sciences, Deep & Deep Publication, New Delhi, 2003.
- Goode & Harte; Methods of Social Research, McGraw Hill Book Company, New Delhi, 1987.
- Jonathan Anderson; Berry, H. Durston, Millicent Poole Thesis & Assignment writing, Wiley Eastern Limited, New Delhi, 1977.
- John Best, Research in Education, Prentice Hall of India, New Delhi, 1978.
- P.V., Young; Scientific Social Survey & Research, Prentice Hall of India, New Delhi, 1979.
- R.N., Trivedi and O.P. Shukla; Research Methodology, Research Publication (Hindi), Jaipur, 2002.
- S.R., Bajpai: Methods of Social Survey & Research (Hindi & English), Kitab Mahal, Kanpur, 1995.

*Handwritten signatures:* J.K.P., A.S. (L.S. 2001), Manoj

**M.A. Hons. (5 Years) Economics**  
**Semester- 9<sup>th</sup>**  
**MAECO-E-591**  
**Computer Applications in Economics-I**

**Max. Marks: 100**

**External Examinations: 50**

**Time: 3 Hours**

**Practical: 20**

**Internal Assessment: 30**

**Unit-1**

SPSS: Summarizing and analysis of data; Descriptive Statistics; Comparison of means; Correlation and Regressing analysis; Estimation of Growth Rates. An overview of Techniques used in Research: Univariate, Bivariate and Multivariate analysis; Trends Forecasting; testing the significance of parameters.

**UNIT-II**

**Introduction to Information Technology;** Internet, Intranet, Extranet, LAN, MAN, WAN, WWW, E-Mail, Search Engines; Computer Net working and recourse sharing

**UNIT-III**

**IT Application to Finance;** Authentication and validation of transaction processing; Debit Cards, Credit Cards, Smart Cards, Electronic Funds Transfer, ATM, On Line Banking and On Line Shopping, Electronic Payment System

**UNIT-IV**

**IT Application to Commerce:** E-Commerce: Meaning and scope of E-Commerce, E –Business; E-Commerce Vs. Traditional Commerce; Business Models of E-Commerce B2B, B2C, C2B and G2B.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment and 20 marks for practical.

The question paper for end term examination will consist of nine questions of 10 marks each. The first question will be compulsory having five parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.



**Suggested Readings:**

- Kochan, Stephens, G. : Programming in C.
- Kenneth,A. : Problem solving and programming.
- Kernigean, B.W. & : The C programming Language.
- Ritchie, P.M.
- Kaicker, S. : Programming in C.
- Copper, Mallish : The spirit of C; An Introduction to Modern programming.
- Carver, D.K. : Introduction to Business Data Processing.
- Subramaniam, N. : Introduction to computer; Fundamentals of computer science.
- Dromey, G. : How to solve it by computer. Manuals of pc software.
- Held, G. : IBM, PC & PC XT User's Reference Manual.
- Coffron, J.W. : The IBM PC Connect.

*Joseph*      *Cheng*      *Manoj*

M.A. Hons. (5 years) Economics  
Semester-9<sup>th</sup>  
MAECO-E-592  
Welfare Economics-I

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

**Unit-I**

Benthamite Approach to Aggregate Welfare; Optimum Resource Allocation and Welfare Maximization,

**Unit-II**

Assumption of Uniform Income – Utility Function of Individuals; Questions of Income Distribution; Issue of Interpersonal Comparisons of Utility.

**Unit-III**

Marshallian Welfare Economics; Consumer's Surplus; Measurement of Consumer's Surplus – Difficulties involved, Criticism Principle of Compensating Variation; Hicks's Surpluses

**Unit-IV**

Pareto optimality – Optimum exchange conditions, The production optimum, The consumption optimum; Concept of contract curve; Top level optimum;

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Baumol, W.J. (ed.) (2001), Welfare Economics, Edward Elgar Publishing Ltd., U.K.
- Broadway, R.W. and N. Bruce (1984), Welfare Economics, Basil Blackwell, Oxford.
- Pigou, A.C. (1962), The Economics of Welfare (4th Edition), Macmillan.
- Hicks, J.R. (1956), A Revision of Demand Theory, Clarendon Press, Oxford.
- Little, I.M.D. (1949), The Foundations of Welfare Economics, Oxford Economic Papers, Vol. 1.

M.A. Hons. (5 years) Economics  
Semester-9<sup>th</sup>  
MAECO-E-593  
Demography-I

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT-I

Population & Economics Development. Meaning, scope and Importance of demography. Components of population growth & their interdependence. Measures of population change. Structures, distribution and sources of population data.

UNIT-II

Malthusian theory of population. Optimum theory of population. Theory of demographic transition. population as limits to growth. Concept of demography, vital rates. Life table- Construction and uses. Population-quasi stationary and stable stationary population. Age pyramids.

UNIT-III

Fertility-Measurement of fertility, total fertility rate, gross and net reproduction rate. Factor affecting fertility- socio-economic factors, economic status, Health, Education, nutrition, caste, religion, race, region, rural urban status of husband and wife.

Nuptiality- concept and analysis of marital status. Trends in Age at marriage.

UNIT-IV

Urbanization- Growth and distribution of rural –urban population in India. Methodology and Characteristics of Indian population through recent census. Population and human development issues. Culture and fertility. Education and fertility. Demography and households economic behavior.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Agarwala S.N. (1972), India's Population Problem, Tata McGraw-Hill Co., Bombay.
- Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi.
- Bogue, D.J. (1971), Principles of Demography, John Wiley, New York.
- Chenery H. and T.N. Srinivasan (Eds.)(1989), Hand Book of Development Economics, Vol. 1 & 2 Elsevier, Amsterdam.
- Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.
- Coale, A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low Income Countries: A Case Study of India's Prospectus, Princeton University Press, Princeton.
- Gulati, S.C. (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.
- Simon, J.L. (1992), Population and Development in Poor Countries, Princeton University Press.
- Srinivasan, K, (1998), Basic Demographic Techniques and Applications, Sage, New Delhi.
- Srinivasan, K. and A.Shariff (1998), India: Towards Population and Demographic Goals, Oxford University Press, New Delhi.
- Stryock, H. et. al. (1973), The Methods and Materials of Demography, US Department of Commerce, Washington, D.C.

*Devi*      *Arora*      *Manoj*

M.A. Hons. (5 years) Economics  
Semester-9<sup>th</sup>  
MAECO-E-594  
Industrial Economics-I

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

**Unit-I**

Framework and Problems of Industrial Economics; Concept and organization of a firm-ownership, control and objective of the firm; Passive and active behaviour of the firm; Market Structure: Sellers concentration; Product differentiation; Entry conditions; Economies of scale; Market structure and profitability; Market structure and innovation.

**Unit-II**

Theories of industrial location – Weber and Sargent Florence; Factors affecting location; Market Conduct: Product pricing- Theories and evidence; Investment expenditure, methods of evaluating investment expenditure.

**Unit-III**

Theories and empirical evidence on Mergers and acquisitions (M & As) and diversification. Market Performance; Growth of the firm; constraints on growth; Productivity, efficiency and capacity utilization: concepts and measurement, Indian situation.

**Unit-IV**

Industrial productivity: measurement, partial and total trends. Pattern of industrialization: Public and private; large and small industries. Industrial structure and economic growth; Economic Reforms and industrial growth.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

### Suggested Readings:

- Ahluwalia, I.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.
- Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
- Cherunillam, F. (1994). Industrial Economics; Indian perspective (3<sup>rd</sup> Edition), Himalaya Publishing House, Mumbai.
- Desai, B. (1999) Industrial Economy in India (3<sup>rd</sup> Edition) Himalya Publishing House Mumbai.
- Divine, P.J. and R.M. Jones *et al* (1976), An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.
- Government of India, Economic Survey (Annual).
- Hay, D. and D.J. Morris (1976) Industrial Economics; Theory and Evidence University Press, New Delhi.
- Kuchal S.C. (1980) Industrial Economy of India (5<sup>th</sup> Edition), Chaitanya Publishing House Allahabad.
- Reserve Bank of India Report on currency and Finance (Annual).
- Singh, A. and A.N. Sadhu (1988), Industrial Economics, Himalaya, Publishing House, Bombay.


 The block contains three handwritten signatures or initials in black ink. From left to right: the first is a stylized signature that appears to be 'Rajiv'; the second is 'A. Singh' with a checkmark above it; the third is 'Manoj' written in a cursive style.

M.A. Hons. (5 years) Economics

Semester-9<sup>th</sup>

MAECO-OE-1

Economic Theory (Open Elective)

Max. Marks: 100

Time: 3 Hours

External Examinations: 70

Internal Assessment: 30

Unit-1

Nature and scope of Microeconomics: Difference/relation between micro and macro economics, Role of Assumptions in economic theory.

Demand and Supply Function: Law of demand, assumptions, applicability and criticism. Factors affecting demand. Law of supply, factors affecting supply. Consumer Behaviour: Cardinal approach, ordinal approach: indifference curve theory, budget line, and consumer's equilibrium.

Unit-2

Factors of production: Types and need, Characteristics of labour and land. Production Function: Short-run and long-run production functions, Cost Curves: short-run and long-run traditional and modern cost curves.

Unit-3

Macro economics: Scope and features. Aggregate demand and aggregate supply, National income: concepts, measurement, difficulties in calculating national income. Concepts of equilibrium, multiplier, accelerator and marginal efficiency of capital.

Unit-4

Business cycle: concept, characteristics and phases of business cycle. Fiscal and monetary policy.

Inflation: Concepts, types, causes, effects and measures to control the inflation.

Note: The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

53

**Suggested Readings:**

- Koutsoyiannes. A. "*Microeconomics*" (Macmillan)
- Lipsey, R.G. and Chrysal, K. Alec "An Introduction to Positive Economics" (OUP)
- Salvatore, D. "Microeconomics Theory" (Schaum's Outline series, Tata McCraw Hill)
- Ackley, G (1978), *Macroeconomics: Theory and Policy*, Macmillan, New York.
- Banson, W.A. (1989), *Macroeconomic Theory and Policy, (3<sup>rd</sup> Edition)*, Harper and Row, New York.
- Dorn Busch, R. and f. Stanley (1997), *Macroeconomics*, McGraw Hill, Inc. New York.
- Heijdra, B.J. and V. P. Fredericck (2001), *Foundation of Modern Macroeconomics*, Oxford University Press, New Delhi.
- Jha, R. (1991), *Contemporary Macroeconomics Theory and Policy*, Wiley Eastern Ltd., New Delhi.
- Shapiro, E. (1996), *Macroeconomics Analysis*, Galgotia Publication, New Delhi.
- Survey, M.J.C. (Ed.) (1976), *Macroeconomics Themes*, Bo and Reed Geoffrey (1994), International economics, Macmillan Press Ltd.
- Peterson, W.C(1978), *Income, Employment and Economics Growth*, Norton , New York
- Sheffrin, Steven M. (1996), *Rational Expectations*, 2<sup>nd</sup> edition, Cambridge University Press.

Shapiro  
AS  
Macroeconomics



M.A. Hons. (5 years) Economics  
Semester-9<sup>th</sup>  
MAECO-OE-3  
Issues of Economic Development

(open elective)

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

**Unit-I**

Concept of Economic Development: Economic development vs. economic growth, importance of economic development. Obstacles to economic development: Economic and non economic factors and measures to break vicious circles. Determinants of development: Economic, non-economic and external forces. Measuring development: PQLI and HDI.

**Unit-II**

Inequality and Poverty: concept, measuring inequality, measuring poverty, characteristics of poverty groups, measures for alleviation of poverty, inequality and unemployment.

**Unit-III**

Scientific Socialist World Outlook: World outlook, Idealism and materialism, Metaphysics and dialectics, Laws of dialectics, Theory of cognition.

**Unit-IV**

Distinguishing features of Primitive Communism/ society, Slavery, Feudalism/serfdom, Capitalism/imperialism and Socialism/communism.

Asiatic Mode of Production: concept, Asiatic mode vs. Feudalism, Characteristics of Asiatic mode.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

### Suggested Readings:

- Meir, G. M.(1995), *Leading Issues in Economic Development*, Oxford University Press, New Delhi.
- Mishra S.K. and V.K. Puri, *Economics of Development and Planning*, Himalaya, Publishing House, Mumbai
- Todaro, M. P. *Economic Development*, Latest Edition, Longman, London.
- Thiwal A.P.(2003), (6<sup>th</sup> Edition), *Growth and Development*, seventh Edition, Macmillan, New York.
- Hogendorn, J. (1996), *Economic Development*, Addison, Wesley, New York.
- Karl Marx & F. Engels (1977): *Manifesto of the Communist Party*, Progress Publishers, Moscow, 2nd edition, pp. 34-74.
- Joseph Stalin (1978): *Dialectical Materialism*, National Book Agency, Pvt. Ltd., Calcutta, pp.5 to 48.
- Maurice Cornforth (1971): *Dialectical Materialism*, National Book Agency, Pvt. Ltd. ,Calcutta, 3rd edition, Vol. 1, Chs. 2-9, Vol. II, Chs. 3-10.
- John Eaton (1973): *Political Economy*, International Publishers, New York, revised edition, Chs. 2-11.

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M.A. Hons. (5 years) Economics  
Semester-10<sup>th</sup>  
MAECO-C-5101  
Econometrics

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

Dynamic Econometric Models: Distributed lag models – Koyck Model, Adaptive expectation and Partial Adjustment approaches for rationalization of Koyck models, Estimation of Auto-regressive models.

Unit-II

Dummy variable Regression Models: The Nature of Dummy variable, caution in the use of Dummy variables, ANOVA MODELS with two qualitative variables, Chow Test, ANCOVA MODELS, The use of Dummy variables in seasonal analysis and Interaction Effects.

Unit-III

Simultaneous equations model: The simultaneous equation bias and inconsistency of OLS estimators; The identification problem; Rules of identification – Order and rank conditions (statement only), Methods of estimating simultaneous equation system: Indirect Least squares (ILS), 2 SLS (Two stage least squares).

Unit-IV

Time series Econometrics: Key concepts – stochastic process; stationarity and non stationarity process, purely random process, Random walk models, co-integration, integrated variables, Deterministic and stochastic trends and unit root.

Techniques of forecasting – ARMA, ARIMA Models, Box-Jenkins methodology.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

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**Suggested Readings:**

- Gujarati, D.N. (1995), Basic Econometrics (2<sup>nd</sup> Edition), McGraw Hill, New Delhi.
- Koutsoyiannis, A. (1997), Theory of Econometrics (2<sup>nd</sup> Edition), The Macmillan Press Ltd., London.
- Johnston, J. (1991), Econometric Methods, McGraw Hill Book Company, London.
- Maddala, G.S. (1993), Econometrics Methods and Applications, (2 Vol.), Alder shot, U.K.
- Krishna K.L. (1997), Econometrics Application in India, Oxford University Press, New Delhi.
- Kmenta, J. (1997), Elements of Econometrics, University of Michigan Press, New York.
- Intrilligator, M.D. (1978), Econometrics Techniques and Applications, Prentice Hall, New Jersey.
- Pindyck, R.S. and D.L. Rubinfeld (1976), Econometric Models and Economic Forecasts, McGraw Hill, Tokyo.
- Frances, P.H. (1998), Time Series Models for Business and Economic Forecasting, Cambridge University Press, Cambridge.
- Harvey, A.C. (1981), Econometric Analysis of Time Series, Phillip Allen, London.
- Madnani, G.M.K. (1999), Introduction of Econometrics.
- Intrilligator, M.J. and Hasio Badkin (1996), Econometric Models, Techniques and Applications, Prentice Hall.

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M.A. Hons. (5 years) Economics  
Semester- 10<sup>th</sup>  
MAECO-C-5102  
Indian Economy

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

Features of Indian economy; Nature and Characteristics of Indian economy; Planning; objectives and strategies; failures and achievements of plans.

Basic economic indicators – National income, performance of different sectors. Trends in prices and money supply.

Unit-II

Institutional structure: Land-reforms in India; Agricultural marketing and warehousing; Issues in food security – policies for sustainable agriculture; Agricultural finance policy; Agricultural price policy.

Unit-III

Indian Tax Structure: Tax Revenue of Centre and State; Tax burden; Evaluation and Tax reforms since 1991, Public Expenditure in India-Role; Growth; composition and management; Financial Relations between the Centre and State; Recommendations of the recent Finance Commission; Parallel Economy in India- Meaning, Estimates, Impact and Responsible Factors.

Unit-IV

Financial Sector: Monetary policy of RBI; Money and Capital markets; Growth and problem; Role of commercial banks in India; Banking sector reforms since 1991

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Bardhan. P.K. (9<sup>th</sup> Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
- Brahmanada, P.R. and V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
- Datta, R. and K P. M. Sundhram (latest edition), Indian Economy. S. Chand & Company Ltd. New Delhi.
- Government of India, Economic Survey, (Annual), Ministry of Finance, New Delhi.
- Mishra, S.K and V.K. Puri Indian Economy-151 Development Experience, Himalaya Publishing House, Mumbai, Latest Edition.
- Rudra Ashok, Indian Plan Models.
- Todaro, P. Development Planning: Models and Methods.
- United Nations, Guidelines for Project Evaluation.
- Wadhwa, C.D.(ed.), Some Problems of India's Economic Policy, 1987.
- Choudhary, Primit (ed.), Aspects of Indian Economic Development, 1971.
- Rao, Hanumantha, C.H., Technological change and Distribution of Gains in Indian Agriculture, 1980.
- Ahluwalia, I.J., Industrialising Growth in Indian Stagnation since Mid 60's 1985.
- Kapila, Uma (ed.) Indian Economy Since Independence, 1993.
- Dholkia, B.H., Sources of Economic Growth.
- Jalan, Bimal (ed.), The Indian Economy Problems and Prospects.
- Chaudhari, Primit. The Indian Economy : Poverty and Development, 1978.
- Brahamanda, P.R. and Panchmukhi, V.R.(ed.) The Development Process of the Indian Economy, Himalaya Publishing House, Bombay, 1987.
- Dantwala, M.L., Indian Agriculture Development since Independence, Oxford, IBH Pub. Co., New Delhi, 1991.
- Uppal, J.S. Indian Economic Problems- An Analytical Approach (ed.), Tata McGraw Hill, New Delhi (reprint), 1987.
- Raj, K.N., Sen, A., Rao, Hamumantha (eds.): Studies on Indian Agriculture, Oxford University Press, Delhi 1988.
- Saini, G.R: Farm Size, Resource use efficiency and Income Distribution, Allied Publishers Pvt. Ltd., New Delhi, 1979.
- Ahluwalia, I.J.: Productivity and Growth in Indian Manufacturing, Oxford University Press, Delhi, 1991.
- Swamy, D.S. The Political Economy of Industrialisation, Sage Publications, Delhi, 1994.
- Economic and Political Weekly.
- Indian Economic Journal
- Indian Journal of Agricultural Economics.
- Economics Survey, Govt. of India.
- Economic Times and Financial Express.

M.A. Hons. (5 years) Economics  
Semester- 10<sup>th</sup>  
MAECO-C-5103  
Money, Banking and Finance

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

UNIT-1

**Value & Demand for Money:** Concept of Value of money; Value of money and price level; measurement of changes in value of money- Index numbers; Construction and uses of index number; Baumol's inventory theoretic approach; Tobin's portfolio model; Friedman and Patinkin theory of demand for money

UNIT-II

**Supply of Money:** Inside money and Outside money; Neutrality of money; Components of money supply; High powered money and money multiplier; Determinants of money multiplier; The Liquidity theory of money- Radcliffe-Sayers thesis, Gurley-Shaw view; Theory of velocity of money; Factor influencing velocity of money ;Income- Expenditure theory of money.

UNIT-III

**Banking System:** System Theories of Banking; Port-folio behavior; innovative Banking, Merchant banking; Non- Performing Assets and provisioning norms; Privatisation of banks; Computerisation in Indian banks; Economic liberalization and banking sector reforms. Use of Information Technology in banking;. Role of Banks in Economic Development. Non-Banking financial Institutions (NBFI's); Evolution of International Monetary Fund System.

UNIT-IV

**Financial System:** Reserve Bank of India- Recent monetary and credit policies; Specialized financial and investment institutions; Co-operative banks and Regional Rural Banks; Definition & Function of Stock Exchange; Advantages & organizations of Stock Exchange; Growth of Stock Market in India; The Securities Contracts Regulation Act 1956.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Lockett, D.G. Money & Banking, McGraw Hill, New York, 1976.
- Gupta, S.B. Monetary Planning for India, University Press, New Delhi.
- Cargill, T.F. Money: The Financial system and monetary policy, Englio Wood Cliffs, Prentice Hall, 1979.
- Paul, R. R. Monetary Economics Kalyani Publishers, Ludhiana 2015.
- Machiraju, H. R. Indian Financial System, Vikas Publishing House, New Delhi.
- Jhingan, M.L. Money, Banking, International Trade and Public Finance, Vrinda Publications, Delhi.

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M.A. Hons. (5 years) Economics  
Semester-10<sup>th</sup>  
MAECO-C-5104  
Dissertation

Max. Marks: 100

External Viva- voice: 100



*J. S. A.*      *(S. S. A.)*      *M. S. A.*

M.A. Hons. (5 years) Economics  
Semester-10<sup>th</sup>  
MAECO-E-5101  
Computer Applications in Economics-II

Max. Marks: 100

External Examinations: 50

Time: 3 Hours

Practical: 20

Internal Assessment: 30

UNIT-1

Presentation Software: Presentation Basics, Menus & Toolbars, opening and saving & Existing Presentation. Creating and saving a presentation using auto content wizard. Design template Blank Presentation. The slide sorter view. Insert slides from another presentation. Inserting pictures and graphics. Slide show, printing slides.

UNIT-II

Multimedia: Concept, Hardware for multimedia, software for multimedia, Components, Application and Multimedia Technologies.

E-Commerce: E-Commerce in India, Growth Potential of E-Commerce.

UNIT-III

IT Act 2000 of India Information Technology: Business need and application IT. Impact of IT on Business Environment.

SPSS: Characteristics properties of Binominal poison and Normal Distributions: Elements of Statistical inference: Concept of sampling distribution of a statistic.

UNIV-IV

SPSS: Statistical hypothesis, null and alternative hypothesis ; two types of errors; large and small sampling, tests of errors; large and small sampling, tests of significance for means and proportions-2 test, t-tests and f-tests (ANOVA one-way and two way, chi-square test)

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment and 20 marks for practical.

The question paper for end term examination will consist of nine questions of 10 marks each. The first question will be compulsory having five parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Srivastara S.S. (2008) " MS-Office". Firewall Media New, Delhi
- Alexis Loeon and Matheus Leon (2001) " Introduction to computer with MS Office 2002Ist Edition . Tata Migraw-Hill , New Delhi.
- Carver, D.K. : Introduction to Business Data Processing.
- Subramaniam, N. : Introduction to computer; Fundamentals of computer science.
- Dromey, G. : How to solve it by computer. Manuals of pc software.
- Held, G. : IBM, PC & PC XT User's Reference Manual.
- Coffron, J.W. : The IBM PC Connect.

*Prof. Ashish Kumar*

M.A. Hons. (5 years) Economics  
Semester- 10<sup>th</sup>  
MAECO-E-5102  
Welfare Economics-II

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

Infinite number of non-comparable optima vs. unique social optimum: Second best optima, Marginal cost pricing; Compensation criteria –Contributions of Barone, Kaldor and Hicks.

Unit-II

Scitovsky double criterion: Concept of Community indifference map, Samuelson's utility possibility curve. Cost benefit analysis; interdependent utilities.

Unit-III

Value judgments and welfare economics: Bergson's social welfare function, Arrow's possibility theorem. Attempt to develop dynamic welfare analysis.

Unit-IV

Divergence between private and social costs; Problems of non-market interdependence: Externalities of production and consumption; External economies and diseconomies; Problem of public goods; Pigovian welfare economics;

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

**Suggested Readings:**

- Baumol, W.J. (ed.) (2001), Welfare Economics, Edward Elgar Publishing Ltd., U.K.
- Broadway, R.W. and N. Bruce (1984), Welfare Economics, Basil Blackwell, Oxford.
- Pigou, A.C. (1962), The Economics of Welfare (4th Edition), Macmillan.
- Hicks, J.R. (1956), A Revision of Demand Theory, Clarendon Press, Oxford.
- Little, I.M.D. (1949), The Foundations of Welfare Economics, Oxford Economic Papers, Vol. 1.

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M.A. Hons. (5 years) Economics  
Semester- 10<sup>th</sup>  
MAECO-E-5103  
Demography-II

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit I

Theories of population—Malthus, Optimum theory of population; Theory of demographic transition Views of Meadows, Enke and Simon; Population and development.

Unit II

Determinants of age and sex structure; Demographic effects of sex and age structure; economics and social implications; age pyramids and projections –Individual aging and population aging; Mortality –Death rates, crude and age specific; Mortality at birth and infant mortality rate; levels and trends in more and less developed countries; Sex and age pattern of mortality; Factors for decline in mortality in recent past. Appraisal of Kerla Model

Unit III

Life Table- Construction and uses; Concepts of stable population; Methods of Population projection  
Migration: Concept and types—Temporary, internal and international; International migration-its effects on population growth and pattern; Factors affecting migration; Theories of migration related to internal migration; Pattern of migration and urbanization in India.

Unit IV

Evolution of population policy in India-The shift in policy from population control to family welfare to women empowerment; Family planning strategies and their outcomes; Reproductive health, maternal nutrition and child health policies; Population and strategies for human development of different social groups; Social impact of new reproductive technologies and their regulation; The new population policy; Tasks before the National Population Commission.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

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### Suggested Readings:

- Agarwala S.N. (1972), India's Population Problem, Tata McGraw-Hill Co., Bombay.
- Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi.
- Bogue, D.J. (1971), Principles of Demography, John Wiley, New York.
- Chenery H. and T.N. Srinivasan (Eds.) (1989), Hand Book of Development Economics, Vol. 1 & 2 Elsevier, Amsterdam.
- Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.
- Coale, A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low Income Countries: A Case Study of India's Prospectus, Princeton University Press, Princeton.
- Gulati, S.C. (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.
- Srinivasan, K. (1998), Basic Demographic Techniques and Applications, Sage, New Delhi.
- Srinivasan, K. and A. Shariff (1998), India: Towards Population and Demographic Goals, Oxford University Press, New Delhi.
- Sryrock, H. et. al. (1973), The Methods and Materials of Demography, US Department of Commerce, Washington, D.C.
- Agnihotri, S.B. (2000), Sex ration in Indian Population: A Fresh Exploration, Sage New Delhi.
- Amsden, A.H. (Ed.) (1980), The Economics of Women and Work, Penguin, Harmondsworth.
- Baud, I.S.A. (1992), Form of Production and Women's Labour, Gender Aspects of Industrialization in India and Mexico, Sage, New Delhi.
- Boserup. E. (1970), Women's Role in Economic Development, George Allen and Unwin, London.
- Jhabwala, R. and R.K. Subramanya (2000) (Eds.), The Unorganized Sector: Work Security and Social Protection, Sage, New Delhi.
- King M. and M.A. Hill (Eds.) (1993), Women's Education in Developing Countries: Barriers, Benefits and Politics, John Hopkins, Baltimore.
- Krshnaji M., R.M. Sudarshan and A. Shariff (1999), Gender Population and Development, Oxford University Press, New Delhi.
- Lewis (Ed.) (1989), Strengthening the Poor: What Have We Learnt, OECD, Paris.
- Sudarshan and A. Shariff (1999), Gender Population and Development, Oxford University Press, New Delhi.
- Mishra S. (2000), Voluntary Action in Health and Population: The Dynamics of Social Transition, Sage, New Delhi.

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M.A. Hons. (5 years) Economics  
Semester- 10<sup>th</sup>  
MAECO-E-5104  
Industrial Economics-II

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-I

MNC and transfer of technology; Liberalization and privatization; Regional industrial growth in India; Industrial economic concentration and remedial measures; Issues in industrial proliferation and environment preservation; Pollution control policies.

Unit-II

Industrial finance; Owned, external and other components of funds; Role, nature, volume and types of institutional finance – IDBI, IFCI, SFCs, SIDC, commercial banks etc. financial statement-Balance Sheet, Profit and loss Account; assessment of financial soundness, ratio analysis.

Unit-III

Cost-benefit analysis – Net Present Value (NPV) and internal rate of return (IRR) criteria- balancing private and social returns; industrial labour: Structure of industrial labour, Employment dimensions of Indian industry; Industrial legislation.

Unit-IV

Industrial Labour – Problems, policies and reforms in India.

Current Problems of Selected industries: Iron and Steel; Cotton Textiles: Jute, Sugar, Coal; Cement and engineering goods; Development of Small-scale and cottage industries in India.

Note: The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

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**Suggested Readings:**

- Ahluwalia, I.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.
- Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
- Cheruniliam, F. (1994), Industrial Economics: Indian perpectity (3<sup>rd</sup> Edition), Himalaya Publishing House, Mumbai.
- Desai, B. (1999) Industrial Economy in India (3<sup>rd</sup> Edition) Himalaya Publishing House Mumbai.
- Divine, P.J. and R.M. Jones et Al (1976), An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.
- Government of India, Economic Survey (Annual).
- Hay, D. and D.J. Morris (1976) Industrial Economics: Theory and Evidence University, Press, New Delhi.
- Kuchal S.C. (1980) Industrial Economy of India (5<sup>th</sup> Edition), Chaitanya Publishing House Allabad.
- Reserve Bank of India Report on currency and Finance (Annual).
- Singh, A. and A.N. Sadhu (1988), Industrial Economics, Himalaya, Publishing House, Bombay.

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## M.A. Hons. (5 years) Economics

Semester-10<sup>th</sup>

MAECO-OE-2

Indian Economy: Issues, Outlook and Prospects (open elective)

Max. Marks: 100

Time: 3 Hours

External Examinations: 70

Internal Assessment: 30

## Unit 1

Basic characteristics of the Indian economy as developing Economy: Major issues of development, Indian economy in the pre-British period, Economic consequences of British conquest. Decline of Indian Handicrafts and progressive Realization of the Indian economy. Commercialization of agriculture Post Green Revolution.

## Unit II

Agricultural Economics: Its scope and nature, Difference between the agriculture and industry, Role of agriculture in economic development, contributions of industry to the development of agriculture, Interdependence of agriculture and industry, agricultural price policy for developing countries.

## Unit III

Industry and Economic Development: Role of the Industrialization & Pattern of the Five year plan. Role of small scale industries in Indian Economy. Privatizations, liberalization and globalization. Its impact on Indian economy

## Unit IV

Importance of Foreign Trade for developing Economy. India's Balance of Payments on Current Account. Current Export and Import policy, Impact of WTO on various aspects of Indian Economy. WTO, subsidies and agriculture.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

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**Suggested Readings:**

- Bardhan. P.K. (9<sup>th</sup> Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
- Brahmanada, P.R. and V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
- Datta, R. and K P. M. Sundhram (latest edition), Indian Economy. S. Chand & Company Ltd. New Delhi.
- Government of India, Economic Survey, (Annual), Ministry of Finance, New Delhi.
- Mishra, S.K and V.K. Puri Indian Economy-151 Development Experience, Himalaya Publishing House, Mumbai, Latest Edition.
- Rudra Ashok, Indian Plan Models.
- Todaro, P. Development Planning: Models and Methods.
- United Nations, Guidelines for Project Evaluation.
- Wadhwa, C.D.(ed.), Some Problems of India's Economic Policy, 1987.
- Choudhary, Pramit (ed.), Aspects of Indian Economic Development, 1971.
- Rao, Hanumantha, C.H., Technological change and Distribution of Gains in Indian Agriculture, 1980.
- Ahluwalia, I.J., Industrialising Growth in Indian Stagnation since Mid 60's 1985.
- Kapila, Uma (ed.) Indian Economy Since Independence, 1993.
- Dholkia, B.H., Sources of Economic Growth.
- Jalan, Bimal (ed.), The Indian Economy Problems and Prospects.
- Chaudhari, Pramit. The Indian Economy : Poverty and Development, 1978.
- Brahmanada, P.R. and Panchmukhi, V.R.(ed.) The Development Process of the Indian Economy, Himalaya Publishing House, Bombay, 1987.
- Dantwala, M.L., Indian Agriculture Development since Independence, Oxford, IBH Pub. Co., New Delhi, 1991.
- Uppal, J.S. Indian Economic Problems- An Analytical Approach (ed.), Tata McGraw Hill, New Delhi (reprint), 1987.
- Saini, G.R: Farm Size, Resource use efficiency and Income Distribution, Allied Publishers Pvt. Ltd., New Delhi, 1979.
- Swamy, D.S. The Political Economy of Industrialisation, Sage Publications, Delhi, 1994.
- Soni, R. N. Leading Issues in Agricultural Economics, Vishal Publishing Company.

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M.A. Hons. (5 years) Economics  
Semester- 10<sup>th</sup>  
MAECO-OE-4  
Money, Banking and Public Finance (Open elective)

Max. Marks: 100  
Time: 3 Hours

External Examinations: 70  
Internal Assessment: 30

Unit-1

Money: Barter system; Evolution, definition and functions of money; Classification of Money; Role of money in various economic systems; Gresham's Law of money; Demand for Money-different views, Factors affecting the demand for money; Supply of money-determination, factor affecting the supply of money.

Unit-2

Banking System: Meaning & functions of Commercial banks; Credit creation- Process and limitations; Meaning and functions of Central Banks; Difference between Central Bank and Commercial Banks; Role of Central Bank in an Under-Developed economy; Credit Control- Objectives of control of money supply; Quantitative and Qualitative methods of credit control;

Unit-3

Public Finance: Meaning, scope and subject matter, Role of public finance in national economy; Principle of maximum social advantage Concepts of public goods, private goods, mixed goods and features of public goods.  
Public debts---objectives and sources of public debt; classification and effects of public debt; burden of public debt; Principles of debt management and redemption of public debt;

Unit-4

Public Expenditure – Meaning, Classification and role of public expenditure; canons and effects of public expenditure;  
Budgeting-Meaning and purpose of budget: Types or classification of Budget; Budget making process in India; Zero base budgeting.

**Note:** The total marks for each paper will be 100 including 30 marks for internal assessment.

The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall be required to attempt one question from each unit.

### Suggested Readings:

- Lockett, D.G. Money & Banking, McGraw Hill, New York, 1976.
- Gupta, S.B. Monetary Planning for India, University Press, New Delhi.
- Cargill, T.F. Money: The Financial system and monetary policy, Englio Wood Cliffs, Prentice Hall, 1979.
- Masgrave R.A and Masgrave P.V., Public Economics in Theory and Practice, McGraw Hill.
- Stiglitz, J.E., Economics of Public Sector, J.W. Norton & Company.
- Singh, S.K., Public Finance in Theory and Practice, S.Chand & Co.
- Government of India, Ministry of Finance: Economics Survey (of various year).
- Raja J. Chalhah, Towards Sustainable Growth, Essays in Fiscal and Financial Sector Reforms in India, Oxford University Press, Delhi, 1996.
- Deena Khatkhate (ed.), Money and Finance: Issue, Institutions, Policy, Sameeksha Trust, Orient Longman, 1998.
- Kunal Sen & Rajendra R. Vidya (ed.), Process of Financial Liberalization in India, Oxford University Press, 1997.
- Mundel Studipto (ed.) Public Finance: Policy Issue of India.
- Brown C.V. and Jackson P.M. (1990), Public Sector Economic, Basil Balackwell, Oxford.
- M. Govindia Rao and Tapan Sen (1998), Financial Federalism in India.
- Atkinson A.B. and Stightz, J.E. (1980), Lectures on Public Finance, Tata McGraw Hill.
- Auerback, AJ. And M. Feldstern (ed.) (1985), Handbook of Public Economics, Vol-I, North Holland, Amsterdam.
- Raghavendra Jha (1999), Modem Public Economics, Rotledge, London.
- Srivaslava D.K. (ed.) (2000), Fiscal Federalism in India, Har-Anand Publication Ltd., New Delhi.
- Bhargava P.K. (1991), India's Fiscal Critis, Ashish Publishing House, New Delhi.
- Govt. of India, Ministry of Finance (1988), Sarkaria Commission Report on Centre-State Finance Relations.

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