

**M.A. Hons. in Economics (5 years) Integrated Programme under CBCS  
w.e.f. 2018-19**

Total Marks = 100

Marks Theory =70

Internal Assessment = 30

**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-1	Money, Banking and Public Finance		04

1. 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- 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.

**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.

**UNIT – IV**

Financial Markets: Trade off and None Trade-off between inflation and unemployment – The Philips Curve (short run and long run); Inflationary Pressure Curve and the Natural Rate of unemployment. Recent Developments in Macro Economics: Rational Expectations and Macroeconomic Policy.

**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.

*Prof. M. K. Maiti*

### 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. Frederieck (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-I**

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.

**Unit-II**

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.

**Unit-III**

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.

**Unit-IV**

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.

**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.

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**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.

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### 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-Ciffs, New Jersey.

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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.

*Dr. S. S. S.*

*M. S. S.*



## 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 & Hattie: 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.

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**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**

**Practical: 20**

**Time: 3 Hours**

**Internal Assessment: 30**

**UNIT-I**

**Computer Fundamentals ; Hardware, Software and Types of Software: Operating System: Definition and Function: Computer Languages: Machine, Assembly and High –Level Languages; Computer Language Translators : Assembler, Compilers and Interpreters**

**UNIT-II**

**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-III**

**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.**

**UNIT-IV**

**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.**

**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:**

Kenneth A. – Problem solving and programming  
Carter, D.L. – Introduction to Business Data Processing.

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- Subramaniam, N. Introduction to computer: Fundamentals of computer science.
- Sinha, P.K. , Computer Fundamental. BPB Publications, New Delhi.
- Rajaraman, V. Fundamentals of Computers. Prentice Hall of India, New Delhi.
- Parameswaranm R. Computer Applications in Business, S. Chand and Company, New Delhi.
- Surender A.. computer Applications in Economics, Commerce and Management. IIGE Publication, Delhi.
- Sudalaimuthu, S. and Anthony Raj S, Computer Applications in Business, Himalays Publishing House, New Delhi.
- Goel, Sushil, Computer Application to Business & E-Commerce, Natraj Publishing House, Karanl.
- Madan, Sushila, Information Technology, Taxman Allied Services, New Delhi.
- P.T. Joseph, S.J. , E- Commerce : An Indian Perspective, PHI Learning , New Delhi.
- David Whiteley, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill, New Delhi.

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**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**

Meaning, Nature and scope of Welfare Economics, Benthamite Approach to Aggregate Welfare; Optimum Resource Allocation and Welfare Maximization, Adam Smith's view of Economic Welfare.

**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. Applications of Consumer Surplus Theory

**Unit-IV**

Pareto optimality – Optimum exchange conditions, The production optimum, The consumption optimum; Concept of contract curve; Top level optimum, Welfare Maximisation and Perfect Competition.

**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 11 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.

**Additional Reading List**

- 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. I.

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**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**

Demography- Meaning, objective, scope, subject matter and importance of demography, Difference between demography and population studies, Relationship of demography with other social sciences; Sources and methods of demographic data-census method, registration method and method of sample survey.

**Unit-II**

Measures of population growth-Replacement process method, Observed change method: Measures of population structure- Sex Ratio, Child Women Ratio, Literacy Ratio, Dependency Ratio; Population/ Age Pyramid- Types and construction.  
Measures of population distribution-Population density or density Ratio-types and determining factors.

**Unit-III**

Fertility-Meaning, determinants, Difference between fertility and Fecundity, factors affecting fertility- socio economic factors, economic status, health, education, marital status, mortality rate, Attitude towards children, status of women in society, occupation, Urbanization, social mobility, religion, caste, region, status of husband and wife. Measurement of fertility- Crude Birth Rate, Specific Birth Rate, General Fertility Rate, Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate.  
Nuptiality-meaning and definitions, Measurement of Nuptiality- Crude marriage Rate, Specific marriage rate, General Marriage rate. Determinants of Nuptiality Rates: Trends in age at marriage.

**Unit-IV**

Urbanization –Causes, effects and methods of measure urbanization, Growth and distribution of rural-urban population in developed and developing countries. Methodology and characteristics of population in India through recent census.

**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.
- Dr. Shivnaryan Gupta, Fundamentals of demography, Vrinda Publications Pvt. Ltd. Delhi
- Jhingran, Bhatt and Desai, Demography, Vrinda Publications, Pvt. Ltd. Delhi

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**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; 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.

**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**

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) 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 Allahabad.
- Reserve Bank of India Report on currency and Finance (Annual)
- Singh, A. and A.N. Sadhu (1988). Industrial Economics, Himalaya, Publishing House, Bombay.



**M.A. Hons. (5 years) Economics**  
**Semester-9<sup>th</sup>**  
**MAECO-OE-1**  
**Economic Theory**

**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.


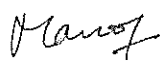
The question paper for end term examination will consist of nine questions of 14 marks each. The first question will be compulsory having seven parts of 2 marks each, covering the whole syllabus. In addition, eight more questions will be set comprising two questions from each unit. The students shall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

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### Suggested Readings:

- Koutsoyiannis, A. "*Microeconomics*" (Macmillan)
- Lipsey, R.G. and Chrystal, 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-9<sup>th</sup>**  
**MAECO-OE-3**  
**Issues of Economic Development**

**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.

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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.

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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**

Distributed lag models – Koyck Model, Adaptive expectation and Partial Adjustment approaches for rationalization of Koyck 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 (I.L.S.).

**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.

**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.

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- 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.

**Unit-II**

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. 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**

Role and Function of RBI; 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:**

- Bardham, 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.
- 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, Hanumantha (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 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.

UNIT-III

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

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.

**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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- 23 -

### 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-E-5101  
Computer Applications in Economics-II

Max. Marks: 100

External Examinations: 50

Practical: 20

Time: 3 Hours

Internal Assessment: 30

**UNIT-I**

**Spreadsheet Software:** Spreadsheet: Meaning, Overview and Application areas; Features of MS Excel: Entering Information: Saving Workbooks and Formatting, Spreadsheet Functions: Creating Graphs: Printing Worksheets and Graphs

**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.

**UNIT-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 test, 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:

- Kenneth.A. : Problem solving and programming.
- Carver, D.K. : Introduction to Business Data Processing.
- Subramaniam. N. : Introduction to computer; Fundamentals of computer science.
- Sinha, P.K. , Computer Fundamental, BPB Publications, New Delhi.
- Rajaraman, V. Fundamentals of Computers, Prentice Hall of India, New Delhi.
- Parameswaranm R. Computer Applications in Business, S. Chand and Company, New Delhi.
- Surender A., computer Applications in Economics, Commerce and Management, IJGE Publication, Delhi.
- Sudalaimuthu, S. and Anthony Raj S. Computer Applications in Business, Himalays Publishing House, New Delhi.
- Goel, Sushil, Computer Application to Business & E-Commerce, Natraj Publishing House, Karanl.
- Madan, Sushila. Information Technology, Taxman Allied Services, New Delhi.
- P.T. Joseph, S.J. , E- Commerce : An Indian Perspective, PHI Learning , New Delhi.
- David Whiteley, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill, New Delhi.

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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, The Sitovsky double criterion.

**Unit-II**

Concept of Community indifference map, Samuelson's utility possibility curve. Cost benefit analysis: interdependent utilities, Grand Utility Possibility Frontier.

**Unit-III**

Value judgements 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.
- Piggou, A.C. (1962), The Economics of Welfare (4th Edition), Macmillan.

**Additional Reading List**

- 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. I.

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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, Meadows limits to growth model, Population growth and economic development

**Unit II**

Mortality –Difference in mortality and morbidity, Factors affecting mortality, Importance of the study of mortality, Measures of mortality-Crude Death Rate, Specific Death Rate, Age Specific Death Rate, Cause Specific Death Rate, Infant Death Rate., Population Projection-Meaning and definition, Types and methods of population projection, Importance and Limitations.

**Unit III**

Life Table- Types, construction and Uses or importance of Life Table. Vital Statistics/Rate-Methods, Uses and Demerits of Vital Rate, Measures for Improvement. Migration: Concept and types, Factors affecting to migration; Problems, Effects, Migration Measurement, Migration in India, Brain-Drain-Causes of Brain-Drain

**Unit IV**

Population Policy-Evolution of population policy in India, New population policy 2000-Objectives and targets  
Family planning –Strategies and their outcomes, Criticism of family planning and suggestions to improve and expand family planning;  
Man-Power planning-objectives and different aspect. Estimating Man-Power requirements, Man Power planning 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.

**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 F.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.
- Dr. Shivnaryan Gupat, Fundamentals of demography, Vrinda Publications Pvt. Ltd. Delhi
- Jhingran, Bhatt and Desai, Demography, Vrinda Publications Pvt. Ltd. Delhi

**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.

**Suggested Readings:**

- Abfuwalia, L.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.
- Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
- Cheruniliam, E. (1994), Industrial Economics: Indian perepectity (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 Allahabad.
- Reserve Bank of India Report on currency and Finance (Annual).
- Singh, A. and A.N. Sadhu (1988), Industrial Economics, Himalaya, Publishing House, Bombay.



**M.A. Hons. (5 years) Economics**  
**Semester-10<sup>th</sup>**  
**MAECO-OE-2**  
**Indian Economy: Issues, Outlook and Prospects**

**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.
- 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.
- 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**

**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.

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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, Englewood 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. 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 Studipto (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.
- Auerback, 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 (1988), Sarkaria Commission Report on Centre-State Finance Relations.

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