

Paper Code: 44321

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – I
INDIAN ECONOMIC PROBLEMS

Unit – I

Agriculture – Need for Land Reforms, Technological changes in Agriculture, Pricing of Agriculture Inputs and Output, Agriculture Finance Policy, Agriculture Marketing, Issues in Food Security, Policies for Sustainable Agriculture, Need for Agriculture Insurance.

Unit – II

Industry – Growth and Pattern of Industrialization, Industrial Policies and New Economic Reforms, Privatisation and Disinvestment, Exit Policy Issues in Labour Market Reforms.

Unit – III

Fiscal Policy in India, Fiscal Reforms in India, Monetary Policy, Money and Capital Market, Working of SEBI in India, Financial Sector Reforms.

Unit – IV

Foreign Trade – Volume, Structure and direction of Foreign Trade, Balance of Payments, Issues in Export-Import Policy and FEMA, Exchange Rate Policy, The management of Foreign Exchange, Issue of the Convertibility of Rupee on Capital Account.

Unit – V

Globalisation of Indian Economy – Foreign Capital and MNCs in India, WTO and its impact on the different sectors of the Economy, A critical review of the working of WTO.

Basic Reading List

1. Mishra and Puri – Indian Economy, Himalaya Publishing House, New Delhi.
2. Rudra Dutt and Sundaram – Indian Economy, S. Chand and Company, New Delhi.
3. A. N. Agrawal – Indian Economy, Vishwa Prakashan.
4. Alak Ghosh – Indian Economy Its Nature and Problems, The New Book Stall.
5. Sudama Singh – Indian Economy, Radha Publications, New Delhi.
6. Hariharan, N. P. (2008) – Lights and Shades of Indian Economy, Vishal Publishing Co., Jalandhar.
7. Uma Kapila (20th Edition) (2009) – Indian Economy Since Independence, Academic Foundation, New Delhi.
8. Jalan, B. (1992) – The Indian Economy, Problems and Prospects, Viking, New Delhi.
9. Reserve Bank of India – Report on Currency and Finance (Annual).
10. Indian Economy – Pratiyogita Darpan, Upkar Prakashan (Extra Issue), Upkar Prakashan, Agra.
11. Jhirwall, A. P. (1994) – Growth and Development, ELBS, Macmillan Press, London.
12. Todaro, M. (1997) – Economic Development in the third world, Addison Wesley, England.
13. Brahmananda, P. R. and V. R. Panchmukhi (Eds.) (1987) – The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
14. World Bank (2000) – Indian Reducing Poverty, Accelerating Economic Development, Oxford University Press, New Delhi.

15. Government of India, Planning Commission, 11th Five Year Plan, New Delhi.
16. Vijay Nagesh Gumma (2008) – The Impact of Globalization on Small Scale Industries, Deep and Deep Publication Pvt. Ltd., New Delhi.
- 17ण रूद्र दत्त (2008) – विकास, गरीबी एवं समता, दीप एवं दीप पब्लिकेशन प्रा. लि., नई दिल्ली।
- 18ण भारतीय अर्थव्यवस्था (अतिरिक्तांक) प्रतियोगिता दर्पण, उपकार प्रकाशन, आगरा।
- 19ण भारतीय अर्थव्यवस्था – साहित्य भवन पब्लिकेशन्स, आगरा।
- 20ण मिश्रा एवं पुरी – भारतीय अर्थव्यवस्था, हिमालय पब्लिशिंग हाऊस, नई दिल्ली।
- 21ण दत्त एवं सुन्दरम – भारतीय अर्थव्यवस्था, एस. चन्द एण्ड कम्पनी, नई दिल्ली।

Paper Code: 44322

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – II
DEVELOPMENT ECONOMICS

Unit – I

Development and Underdevelopment – Perpetuation of Underdevelopment, Population problems and Growth Pattern of Population, Theory of Demographic Transition, Population as Limit to Growth and as Ultimate Source.

Unit – II

Growth Models – Unlimited Supply of Labour, Big Push, Balanced Growth, Unbalanced growth, Critical Minimum Effort Thesis, Low-Income Equilibrium Trap, Dualism – Technical, Behavioural and Social, Ranis and Fei Model.

Unit – III

Need for Investment Criteria in Developing Countries – Present v/s Future, Alternative Investment Criteria, Cost Benefit Analysis, Shadow Prices, Project Evaluation.

Unit – IV

Human Resource Development – Food Security, Education, Health and Nutrition, Poverty and Environment, Role of Monetary and Fiscal policies in Developing Countries.

Unit – V

External Resources – FDI, Aid V/s Trade, Technology Inflow, MNCs activities in Developing Countries, Borrowings – Domestic and External, Burden of Borrowing.

Basic Reading List

1. M. L. Jhingan – Economics of Growth and Development, Vrinda Publication, New Delhi.
2. A. P. Jhirwall – Growth and Development with special reference to developing economics, ELBS Macmillan.
3. Kindleberger, C. P. (1977) – Economic Development, (3rd edition), McGraw Hill, New York.
4. Todaro, M. P. (1996) (6th edition) – Economic Development, Longman, London.
5. Jhirwal, A. P. (1999) (6th edition) – Growth and Development, Macmillan, U.K.
6. Sen, A. K. (Ed.) (1990) – Growth Economics, Penguin, Harmondsworth.
7. Solow, R. M. (2000) – Growth Theory – An Exposition, Oxford University Press, Oxford.
8. Schumpeter, J. A. (1949) – The Theory of Economic Development, Harvard University Press, Cambridge, Mass.
9. Nayyar, D. (Ed.) (1994) – Industrial Growth and Stagnation. The Debate in India, Oxford University Press, New Delhi.
10. Jherberge, J. D. (Ed.) (1968) – Economics of Trade and Development, John Wiley, New York.
11. Taneja, M. L. and R. M. Myer (2008) – Economics of Development and Planning, Vishal Publishing Company, Jalandhar.
- 12^ण एस. पी. सिंह – आर्थिक विकास एवं नियोजन, हिमालय पब्लिशिंग हाऊस, नई दिल्ली।
- 13^ण एम. एल. झिंगन – विकास का अर्थशास्त्र एवं नियोजन, वृन्दा पब्लिकेशन, नई दिल्ली।
- 14^ण डॉ. विमल कुमार जैन, डॉ. के. एस. नैगी एवं डॉ. आर. के. जैन – आर्थिक विकास के सिद्धांत एवं भारत में आर्थिक नियोजन, कॉलेज बुक डिपो, जयपुर, नई दिल्ली।
15. तनेजा, एम. एल. एवं आर. एम. मायर (2008) – अर्थशास्त्र की योजनाएं एवं विस्तार विशाल, पब्लिशिंग कम्पनी, जालंधर।

Paper Code: 44323

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – III
INTERNATIONAL COMMERCIAL POLICIES AND FINANCE

Unit – I

Free Trade V/s Protection, Tariffs – Meaning and Types, Effects of Tariff, Optimum Tariff, Stopler – Samuelson Theorem, Effective Rate of Protection.

Unit – II

Non-Tariff Barriers (NTBs) – Meaning and Types, Import Quotas – Meaning, Objectives, Types and Effect, Import Quotas V/s Tariffs, Dumping – Meaning, Objective, Types and Effects, Anti Dumping Measures, The Theory of Customs Union.

Unit – III

Balance of Trade and Balance of Payments – Meaning and Theories, Disequilibrium in Balance of Payments, Measures to correct Disequilibrium in Balance of Payments, Balance of Payments Policies – Mundellian Model of Monetary and Fiscal Policies, Expenditure Switching Policies.

Unit – IV

Foreign Trade Multiplier, Theories of Foreign Exchange Rate, Determination Fixed v/s Flexible Exchange Rates, Intermediate or Hybrid Exchange Rate Systems, Multiple Exchange Rates System.

Unit – V

International Trade, Financial Institutions and Organizations, International Monetary Fund and World Bank, The Problem of International Liquidity, The European Economic, Community, The General Agreement on Tariffs and Trade, The World Trade Organization.

Basic Reading List

1. Sodersten, B.O. – International Economics, Macmillan.
2. Mithani, D. M. – International Economics, Himalaya Publication House, Bombay.
3. Kindleberger, C. P. (1973) – International Economics, R. D. Triveni, Homewood.
4. Dunn, R. M. and J. H. Mutli (2000) – International Economics, Routledge, London.
5. Rana, K. C. and K. N. Verma (2008) – International Economics, Vishal Publishing Company, Jalandhar.
6. Swami, K. D. (2008) – International Economics, Scientific Publications, Jodhpur.
7. Bhagwati, J. (Ed.) (1981) – International Trade: Selected Readings, Cambridge University Press, Mass.
8. Goldstein, M. (1998) – The Asian Financial Crisis: Causes, Cure and Systematic Implication, Institute for International Economics, Washington, D.C.
9. Grable, J. O. (1996) – International Financial Markets, Prentice Hall, Englewood Cliffs, New York.
10. Mundell, R. (1968) – International Economics, The Macmillan Company Ltd., New York.
11. Patel, S. J. (1995) – Indian Economy, Towards the 21st Century, University Press Ltd., India.
- 12^प एम. सी. वैश्य एवं सुदामा सिंह – अन्तर्राष्ट्रीय अर्थशास्त्र, ऑक्सफोर्ड एवं आई.बी. एच. पब्लिशिंग कम्पनी प्रा. लि., नई दिल्ली ।
- 13^प अग्रवाल एवं बरला – अन्तर्राष्ट्रीय अर्थशास्त्र – लक्ष्मीनारायण अग्रवाल, आगरा ।
- 14^प राणा, के. सी. एवं के. एन. वर्मा (2008) – अन्तर्राष्ट्रीय अर्थशास्त्र, विशाल पब्लिशिंग कम्पनी, जालंधर ।
- 15^प झिंगन, एम. एल. (2008) – अन्तर्राष्ट्रीय अर्थशास्त्र, वृन्दा पब्लिकेशन, नई दिल्ली ।

Paper Code: 44324

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – IV
ECONOMICS OF ENVIRONMENTAL MANAGEMENT

Unit – I

Environmental Economics – Definition and Scope, Common Property Resources, Theories of optimal use of Exhaustible and Renewable Resources, Economic Growth, Sustainable Development and Environment, The Environmental Kuznets curve.

Unit – II

Valuing the Environment and Natural Resources – Concept of total Economic Value, Use Value, Option, Values and Non-use Values, Valuation Methods – Physical Linkage Methods, Abatement Cost Method, Behavioural Linkage Method, Environmental Accounting – Meaning, Need, Nature of Environmental Accounting (IEEA) and the Measurement of Environmentally corrected GDP (Green Accounting).

Unit – III

Environmental Risk – Concept, Assessment of Environmental Risks, Choice under Risk, Valuing Risks to Life and Limb, Risk Perception, Risk Management.

Unit – IV

The Economics of climate change – Concept, National and International Challenges of Climate Change, The Benefits and Costs of International cooperation, Economic Issues Underlying Benefit and Cost Estimates, The flexibility – Stringency Trade off.

Unit – V

Mechanism for Environmental Regulations in India, Environmental Laws and their implementation, Policy instruments for Controlling Water and Air Pollution, Forest Policy in India Resources and Energy.

Basic Reading List

1. Charles D. Kolstad (2008) – Environmental Economics, Oxford University Press.
2. H. K. Pathak (2010) – Economics of Environmental Development, G. S. Rawat for Cyber Tech Publication.
3. Bhattacharya, R. N. (Ed.) (2001) – Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
4. Markandya, A. and J. Richardson (Eds.) – The Earth Scan Reader in Environmental Economics, Earth Scan, London.
5. Panchmukhi, P. R. (1980) – Economics of Health: A Trend Report in ICSSR, A Survey of Research in Economics, Vol. VI, Infrastructure, Allied Publishers, Delhi.
6. Peare, D. W. and R. K. Turner (1991) – Economics of Natural Resource Use and Environment, Johns Hopkins University Press, Baltimore.
7. Beman, P. and M. E. Khan (1993) – Paying for India's Health Care, Sage Publications, New Delhi.
8. Cooms, P. H. and J. Hallak (1988) – Cost Analysis in Education, John Hopkins University Press, Baltimore.
9. Murty, M. N., A. J. James and S. Misra (1999) – The Economics of Water Pollution in India, Oxford University Press, New Delhi.
10. Sengupta, R. P. (Ed.) (2001) – Ecology and Economics: An Approach to Sustainable Development, Oxford University Press, New Delhi.
11. Woodhall, M. (1992) – Cost Benefit Analysis in Educational Planning, UNESCO, Paris.
12. World Bank (1993) – The World Development Report, 1993: Investing in Health, Oxford University Press, New York.
13. Arun Kumar Singh – Environmental Economics, Deep and Deep Publications Pvt. Ltd., New Delhi.
- 14^प डॉ. हरिमोहन सक्सेना – पर्यावरण एवं प्रदूषण, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।

Paper Code: 44325A

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – V A
INDIAN INDUSTRIAL ECONOMICS

Unit – I

Industrial Growth and Pattern of Industrialization in India, Recent trends in Indian Industrial Growth, Trends of Small-scale and Cottage Industries of India.

Financial Statements – Balance Sheet, Profit and Loss Account, Ratio Analysis – Meaning and Forms, Classification of Ratios, Limitations, Cost – Profit Analysis, Techniques of Project Evaluation.

Unit – II

Industrial Policies of India (before and after) New Economic Reforms, New Economic Reforms and Industrial Development, Major Indian Industries – Textile, Sugar, Iron and Steel.

Unit – III

Multinational Corporations – Definitions, Merits and Demerits, Recent Trends, Perspective code of conduct, Foreign Investment by Indian Companies, MNCs in India.

Unit – IV

Role of Public and Private Sectors in Industrial Development, Industrial Proliferation and Environmental Protection, Regional Industrial Growth in India.

Unit – V

Industrial Finance – Sources, Types, Components, Institutional Finance – IDBI, IFCI, SFCs, SIDC, Commercial Banks, Money and Capital Markets – Nature, Constituents, Functions, Indian Money and Capital Market.

Basic Reading List

1. Barthwal, R. R. (1992) – Industrial Economics: An Introductory Text Book, Wiley Eastern Ltd., New Delhi.
2. Cherunilam, F. (1994) – Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.
3. Desai, B. (1999) – Industrial Economy in India (3rd Edition), Himalaya Publishing House, Mumbai.
4. Kuchhal, S. C. (1980) – Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad.
5. Singh, A. and A. N. Sadhu (1988) – Industrial Economics, Himalaya Publishing House, Bombay.
6. Ahluwalia, I. J. (1985) – Industrial Growth in India, Oxford University Press, New Delhi.
7. Brahmananda, P. R. and V. R. Panchmukhi (Eds.) (1987) – The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
8. Mamoria and Mamoria (2000) – Dynamics of Industrial Relations in India, (15th Edition), Himalaya Publishing House, Mumbai.
9. Naidu, K. M. (1999) – Industrialization and Regional Development in India, Reliance Publishing House, New Delhi.
10. Government of India, Economic Survey (Annual), New Delhi.
11. Devine, P. J. *et al.* (1978) – An Introduction to Industrial Economics (3rd Edition), George Allen and Unwin, London.
- 12^प कुलश्रेष्ठ, आर. एस. – औद्योगिक अर्थशास्त्र, साहित्य भवन पब्लिकेशन, आगरा।

Paper Code: 44325B

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – V B
ECONOMETRICS FOR ECONOMICS

Unit – I

Simultaneous Equation Models – Simultaneous dependence of Economic Variables, Consequences of Simultaneous relations – Bias and Inconsistency of OLS estimators, Structural, Reduced form and Recursive models.

Unit – II

Problem of identification – The General Economic Model, Conditions for Identification (Rank and Order Conditions), Identification through Restriction, Identification and Multicollinearity.

Unit – III

Estimation of Simultaneous Equation Models – Indirect Least Square Method (ILS), Two Stage Least Square Methods (2 SLS), Derivation of ILS and 2 SLS Estimators, Equivalence between ILS and 2 SLS, The Method of Instrumental Variables (IV), Identification and Choice of Estimation Method.

Unit – IV

Dummy Explanatory Variables – Testing Structural Stability of Regression Models, Comparing two Regressions and Seasonal Analysis, Regression with Dummy Dependent Variables and Models with Qualitative Dependent Variables – The LPM, Logit, Probit and Tobit Models.

Unit – V

Lagged Variables and Distributed Lag Models – Exogenous Lagged Variables and Koyck Model, Rationalisation of Koyck Model, Almon approach to Distributed lag Models, Endogenous Lagged Variables – The Adaptive Expectations and Partial Adjustment Model, Specification Bias.

Reading List

1. Gujrati, D. (1995) – Basic Econometrics, (3rd Edition), McGraw Hill, New Delhi.
2. Johnston, J. (1985) – Econometric Methods, McGraw Hill, New York.
3. Koutsoyiannis, A. (1977) – Theory of Econometrics, (2nd Edition), The Macmillan Press Ltd., Hampshire.
4. Maddala, G. S. (1993) – Econometrics: An Introduction, McGraw Hill, New York.
5. S. Shyamala, Navdeep Kaur and T. Arul Pragasam – A Text Book on Econometrics – Theory and Applications, Vishal Publishing Co., Jalandhar.
6. G. M. K. Madnani – Introduction to Econometrics: Principles and Applications, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.
7. Chow, G. C. (1983) – Econometrics, McGraw Hill, New York.
8. Dhrymes, P. J. (1970) – Econometrics – Statistical Foundations and Applications, Harper and Row Publishers, New York.
9. Intriligator, M. D. (1978) – Econometric Methods, Techniques and Applications, Prentice Hall, Englewood Cliffs, New Jersey.
10. Pindyck, R. S. and D. L. Rubinfeld (1976) – Econometric Models and Econometric Models and Economic Forecasts, McGraw Hill, Kogakusha, Tokyo.
11. Franses, P. H. (1998) – Time Series Models for Business and Economic Forecasting, Cambridge University Press, Cambridge.
12. Kmenta, J. (1997) – Elements of Econometrics, University of Michigan Press, New York.
- 13^० मदनानी, जी. एम. के. (1996) – अर्थमिति: अवधारणाएं एवं विधियां, ऑक्सफोर्ड एवं आई.बी.एच. कम्पनी प्रा. लि., नई दिल्ली।
14. अग्रवाल, एच. एस. (1998) – अर्थमिति निदर्श, आर.बी.एस.ए. पब्लिशर्स, जयपुर।

Paper Code: 44325C

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – V C
ISSUES OF DEMOGRAPHY IN INDIA

Unit – I

Study of Census in India – Methodology and characteristics of Census, Nature of Information collected in 1971, 1981, 1991 and 2001 Census in India.

Unit – II

Concept and Types of Migration – Temporary, Internal and International, International Migration – Its effect on Population Growth and Pattern, Factors affecting Migration, Theories of Migration related to Internal Migration, Urbanization – Growth and Distribution of Rural-Urban Population in Developed and Developing Countries.

Unit – III

National Family Health Survey 1 and 2 and Rapid Household Survey, Changing characteristics of Population in India, Population Growth Rates, Trends and Regional Variations in Sex Ratio, Age structure of Population, Total, Infant and Child Mortality Rate Maternal Mortality Rates, Life Expectancy, Appraisal of Kerala Model, Pattern of Migration and Urbanization in India.

Unit – IV

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 regulations, The new Population Policy, Tasks before the National Population Commission.

Unit – V

Population, Economy and Environmental Linkages – Population, Health, Nutrition, Productivity Nexus, Population and Human Development Issues, Culture and Fertility, Education and Fertility, Demography and Household Economic Behaviour, Evolution of Population Policy in India, The shift in Policy from Population Control to Family Welfare, to Women Empowerment.

Basic Reading List

1. Agarwal, S. N. (1985) – India's Population Problem, Tata McGraw Hill, Bombay.
2. Agarwal, U. D. (1999) – Population Projections and Their Accuracy, B. R. Publishing Corporation, New Delhi.
3. Bhende, A. A. and T. R. Kanitkar (1982) – Principles of Population Studies, Himalaya Publishing House, Bombay.
4. Bogue, A. (1996) – India's Basic Demographic Statistics, B. R. Publishing Corporation, New Delhi.
5. Choubey, P. K. (2000) – Population Policy in India, Kanishka Publications, New Delhi.
6. Misra, B. D. (1980) – An introduction to the study of population, South Asian Publishers, New Delhi.
7. Srinivasan, K. (Ed.) (1999) – Population Policy and Reproductive Health, Hindustan Publishing Corporation, New Delhi.
8. Census of India, Government of India, Various Reports, New Delhi.
9. Krishnaji, M., R. M. Sudarshan and A. Shariff (1999) – Gender Population and Development, Oxford University Press, New Delhi.

10. Srinivasan, K. (1998) – Basic Demographic Techniques and Applications, Sage Publications, New Delhi.
11. Simon, J. L. (1992) – Population and Development in Poor Countries, Princeton University Press.
12. Agnihotri, S. B. (2000) – Sex ratio in Indian Population: A Fresh Exploration, Sage Publications, New Delhi.
13. Sudarshan and A. Shariff (1999) – Gender Population and Development, Oxford University Press, New Delhi.
- 14^प वी. सी. सिन्हा एवं आर. एस. त्रिवेदी – जनांकिकी के सिद्धान्त, नेशनल पब्लिशिंग हाऊस।

Paper Code: 44325D

M.A. ECONOMICS 2015-16
SEMESTER – IV
Paper – V D
COMPUTER APPLICATION FOR ECONOMISTS

Unit – I

Basics of Computers and Network – Data Storage and Retrieval, Secondary Storage Devices, Hard Disk, CD ROM, DVD and USB storage, Communication Ports, COM, LPT and USB and Bus, System Software.

Unit – II

Application Package – Spreadsheet, Worksheet and Workbook, Editing and formatting, Creating Formula and creating Charts, Functions, Mathematical, Statistical and logical, Pivot table: Conditional sum and statistical analysis of data.

Unit – III

Programming with Database: Introduction to Database, Advantages, Data model, MS Access: Data types, table creation, adding, editing, SQL (elementary idea only): Select, where, group, Shorting: Data import and export, Report generations.

Unit – IV

Statistical packages – SPSS, Data management and data transformation, Series, groups, tables, graphs and objects, Time and Frequency Series, Joining of data file, Data import and export, Data Creating and Labeling of variables and values.

Unit – V

Statistical analysis: Regression analysis, Hypothesis Testing: Tests based on t , χ^2 (chi-square), F and Z, Factor analysis: Principle Component Analysis, Cluster Analysis.