

Paper Code: 43321

M.A. ECONOMICS 2015-16
SEMESTER – III
Paper – I
INDIAN ECONOMIC POLICY

Unit – I

Economic Development – Concept and Approaches, Measurement, Sustainable Development and Environmental Protection, Indicators of Development – PQLI, Human Development Index (HDI), Gender Related Development Index (GDI).

Unit – II

Broad Demographic Features of Indian Population, Rural-Urban Migration, Urbanisation and Civic Amenities, Poverty and Inequality, Population and Economic Development, Population Policy (Latest).

Unit – III

Planning in India – Objectives and Strategies, Failures and Achievements of Plans, Latest Five Year Plan – Broad Conceptual Framework, Relevance of Planning in the Liberalised/Free Market Economy.

Unit – IV

Role of State, Market and other Institutions in Development, Developing Grass Root Organizations for Development – Panchayats, NGOs and Pressure Groups, Public-Private Partnership.

Unit – V

Economic (Power, Transport and Communication) Infrastructure, Irrigation and Development, Issues and Policies in Financial Infrastructural Development, Social Infrastructure Education and Health.

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. Alok Ghosh – Indian Economy Its Nature and Problems, The New Book Stall.
4. Hariharan, N. P. (2008) – Lights and Shades of Indian Economy, Vishal Publishing Co., Jalandhar.
5. Uma Kapila (20th Edition) (2009) – Indian Economy Since Independence, Academic Foundation, New Delhi.
6. Jalan, B. (1992) – The Indian Economy, Problems and Prospects, Viking, New Delhi.
7. Reserve Bank of India – Report on Currency and Finance (Annual).
8. Indian Economy (Extra issue) – Pratiyogita Darpan, Upkar Prakashan, Agra.
9. Todaro, M. (1997) – Economic Development in the third world, Addison Wesley, England.
10. Brahmananda, P. R. and V. R. Panchmukhi (Eds.) (1987) – The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
11. World Bank (2000) – Indian Reducing Poverty, Accelerating Economic Development, Oxford University Press, New Delhi.
12. Government of India, Planning Commission, 11th Five Year Plan, New Delhi.

13. Vijay Nagesh Gumma (2008) – The Impact of Globalization on Small Scale Industries, Deep and Deep Publication Pvt. Ltd., New Delhi.
- 14ण रूद्र दत्त (2008) – विकास, गरीबी एवं समता, दीप एवं दीप पब्लिकेशन प्रा. लि., नई दिल्ली।
- 15ण भारतीय अर्थव्यवस्था (अतिरिक्तांक), प्रतियोगिता दर्पण, उपकार प्रकाशन, आगरा।
- 16ण भारतीय अर्थव्यवस्था – साहित्य भवन पब्लिकेशन्स, आगरा।
- 17ण मिश्रा एवं पुरी – भारतीय अर्थव्यवस्था, हिमालय पब्लिशिंग हाऊस, नई दिल्ली।
- 18ण दत्त एवं सुन्दरम – भारतीय अर्थव्यवस्था, एस. चन्द एण्ड कम्पनी, नई दिल्ली।

Paper Code: 43322

M.A. ECONOMICS 2015-16
SEMESTER – III
Paper – II
GROWTH ECONOMICS

Unit – I

Economic Growth and Development – Factors affecting Economic Growth, Measuring Development and Development Gap, Human Development Index and other Indices of Development and Quality of Life.

Unit – II

Classical Theory of Development – Contribution of Adam Smith, Ricardo, Malthus and James Mill, Karl Marx and Development of Capitalistic Economy – Theory of Social Change, Surplus Value and Profit and Crisis in Capitalism, Schumpeter and Capitalistic Development, Innovation, Role of Credit, Profit and Degeneration of Capitalism.

Unit – III

Growth Models – Harrod and Domar, Instability of Equilibrium: Neo Classical Growth Models – Solow and Meade, Mrs. Joan Robinson's Growth Model, Cambridge Criticism of Neo Classical Analysis of Growth, Golden Rule of Accumulation, Stability of Equilibrium, Endogenous Growth.

Unit – IV

Role of Agriculture in Economic Development, Efficiency and productivity in Agriculture, New Technology and Sustainable Agriculture, Globalisation and Agricultural Growth, Terms of Trade between Agriculture and Industry.

Unit – V

Rationale and Pattern of Industrialization in Developing Countries, The choice of Techniques, Efficiency of Small-Scale v/s Large-Scale Production, Infrastructure and its Importance.

Basic Reading List

1. Jhingan, M.L. – Economics of Growth and Development, Vrinda Publication, New Delhi.
2. Thirwall, A.P. – Growth and Development with special reference to developing economics, Macmillan and ELBS, London.
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. Taneja, M. L. and R. M. Myer (2008) – Economics of Development and Planning, Vishal Publishing Company, Jalandhar.
11. Barrow, R. and X. Sela – Martin, Economic growth, McGraw Hill, New York.
12. Chakravarti, S. (1982) – Alternative Approaches to the Theory of Economic Growth, Oxford University Press, New Delhi.
13. Lewis, W.A. (1955) – The theory of Economic Growth, George Allen and Unwin, London.
14. Myrdal, G. (1957) – Economic theory and under developed regions, Duckworth, London.

15. Bhagwati, J. and P. Desai (1970) – Indian Planning: The Indian Experience, Clarendon Press, Oxford.
16. World Bank (1994) – Infrastructure and Development, World Bank, Washington, D.C.
17. United Nations (1994) – Human Development Report, United Nations, New York.
18. Dasgupta, P., A.K. Sen and S. Marglin (1972) – Guidelines for project Evaluation, UNIDO, Vienna.
19. Myint, H. (1971) – Economic theory and under developed countries, Oxford University Press, New York.
20. Jhingan, M.L. – Economics of Growth and Development, Vrinda Publication.
21. Pande, Mrigesh, Economic Growth and development, theory, policy and problems, Meenakshi Prakashan, Meerut.
22. Singh, S.P. – Economic Growth and Planning, Himalaya Publishing House, New Delhi.
- 23^ण सिंह, एस. पी. – आर्थिक विकास एवं नियोजन, एस. चन्द एण्ड कम्पनी, नई दिल्ली।
- 24^ण झिंगन, एम. एल. – विकास का अर्थशास्त्र एवं नियोजन, वृन्दा पब्लिकेशन, नई दिल्ली।
- 25^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।
- 26^ण तनेजा, एम. एल. एवं आर. एम. मायर (2008) – अर्थशास्त्र की योजनाएं एवं विस्तार, विशाल, पब्लिशिंग कम्पनी, जालंधर।

Paper Code: 43323

M.A. ECONOMICS 2015-16
SEMESTER – III
Paper – III
INTERNATIONAL TRADE

Unit – I

Difference between Inter Regional and International Trade, The Pure Theories of International Trade, Theories of Absolute Advantage, Comparative Costs Advantage, Opportunity Costs and Modern Theory of International Trade and their Empirical Testing.

Unit – II

Factor Price Equalization Theorem Kravis and Linder's Theorem, The Rybczynski Theorem, Stolper – Samuelson, Theorem.

Unit – III

Some New Theories of International Trade – Posner's Theory, Vernon's Theory, Kenen's Theory, Emmanuel's Theory, Economic Growth and International Trade.

Unit – IV

The Gains from Trade – Meaning, Potential and Actual Gain from International Trade, Measurement of Gains from Trade and their Distribution, Static and Dynamic Gains from Trade.

Unit – V

The Terms of Trade – Concepts, Determination of Terms of Trade, Factors Affecting Terms of Trade, Terms of Trade and Economic Development, Secular Deterioration Hypothesis.

Basic Reading List

1. Sodersten, B.O. – International Economics, Macmillan, Press, London.
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. Swami, K. D. (2008) – International Economics, Scientific Publications, Jodhpur.
6. Bhagwati, J. (Ed.) (1981) – International Trade: Selected Readings, Cambridge University Press, Mass.
7. Goldstein, M. (1998) – The Asian Financial Crisis: Causes, Cure and Systematic Implication, Institute for International Economics, Washington, D.C.
8. Grable, J. O. (1996) – International Financial Markets, Prentice Hall, New York.
9. Mundell, R. (1968) – International Economics, The Macmillan Company Ltd., New York.
10. Patel, S. J. (1995) – Indian Economy, Towards the 21st Century, University Press Ltd., India.
- 11^प वैश्य, एम. सी. एवं सुदामा सिंह – अन्तर्राष्ट्रीय अर्थशास्त्र, ऑक्सफोर्ड एवं आई.बी. एच. पब्लिशिंग कम्पनी प्रा. लि., नई दिल्ली ।
- 12^प अग्रवाल एवं बरला – अन्तर्राष्ट्रीय अर्थशास्त्र, लक्ष्मीनारायण अग्रवाल, आगरा ।
- 13^प झिंगन, एम. एल. (2008) – अन्तर्राष्ट्रीय अर्थशास्त्र, वृन्दा पब्लिकेशन, नई दिल्ली ।

Paper Code: 43324

M.A. ECONOMICS 2015-16
SEMESTER – III
Paper – IV
ECONOMICS OF SOCIAL SECTOR

Unit – I

Externalities and Market Inefficiency – Externalities as Missing Markets, Property Rights and Externalities, Non-Convexities and Externalities, Pareto Optimal Provision of public Good, Lindhal's Equilibrium, Preference Revelation Problem and Impure and Mixed Public Goods, Common Property Resources.

Unit – II

Education as an Instrument for Economic Growth, Human Capital and Physical Capital, Demand for Education – Private Demand and Social Demand, Determinants of Demand.

Unit – III

Benefits of Education – Direct and Indirect Benefits, Private and Social Benefits, Educational Financing – Public and Private, Resources Utilization and Educational Planning, Education and Labour Market.

Unit – IV

Health Dimensions of Development, Determinants of Health, Economic Dimension of Health Care – Demand and Supply of Health Care, Financing of Health Care and Resource Constraints.

Unit – V

The Concept of Human Life Value, Inequalities in Health – Class and Gender Perspectives its Measurement with Health Indicators, Expenditure on Health Care.

Basic Reading List

1. Charles D. Kolstad (2008) – Environmental Economics, Oxford University Press.
2. Pathak, H. K. (2010) – Economics of Environmental Development, G. S. Rawat for Cyber Tech Publication.
3. Bhattacharya, R. N. (Eds.) (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: 43325A

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

Unit – I

Scope and Problems of Industrial Economics, Size and Growth of Firm, Organization, Ownership and Objective of the Firm, Market Structure – Perfect Competition, Monopolistic Competition, Monopoly and Oligopoly.

Unit – II

Theories of Industrial Location – Weber and Sargent Florence, Factors affecting Location, Development of Backward Areas.

Unit – III

Market Conduct and Product Pricing – Methods of Product Pricing, Methods of Evaluating Investment Expenditure, Capital Budgeting – Concept and Methods.

Unit – IV

Mergers and Acquisitions of the Firms – Meaning, Types and Methods, Various Forms of Mergers in India, Market Performance, Size and Growth of firm, Size of Industrial Units in India.

Unit – V

Industrial Productivity – Concept, Measurement (Indian Situation), National Productivity Council, Industrial Efficiency – Its Determinants and Measurement.

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: 43325B

M.A. ECONOMICS 2015-16
SEMESTER – III
Paper – V B
ECONOMETRICS I

Unit – I

Nature, Meaning and Scope of Econometrics, Goals of Econometrics, Methodology of Econometric Research, The Simple Linear Regression Model Ordinary Least-Squares Method, Assumptions and Properties of OLS Estimations, Gauss Markov's Theorem, Numerical Application of Regression Analysis.

Unit – II

Goodness of fit R^2 , Concept and Derivation of R^2 and Adjusted R^2 , (i.e. \bar{R}^2 and Numerical Application, Confidence Intervals of the Parameters, Statistical Tests of Significance of the OLS Estimates – t and F test and its importance.

Unit – III

Multiple Regression Model with Two Explanatory Variables, Statistical Properties of OLS Parameters in Multiple Regression Model, Relation between Simple and Multiple Regression Co-efficients, An application in Multiple Regression Model, Generalised Least Square Model (GLS). Matrix Approach to Linear Regression Model and Numerical Application.

Unit – IV

Problems in Regression Analysis, Autocorrelation – Assumptions and Sources of Autocorrelation, Nature and Consequences, Tests of Autocorrelation – Dubin-Watson 'd' statistic, Measures to solve the problem of autocorrelation, Heteroscedasticity – Nature Test, Consequences and Remedial Steps of Problems Heteroscedasticity.

Unit – V

Multicollinearity – Causes and Consequences, Tests detecting Multicollinearity, Solutions for Multicollinearity, Errors of Measurement, Consequences of the Violation of the Assumption of Number of Errors of Measurement Solutions for the Case of Errors in Variables.

Basic Reading List

1. Gujarati, 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. Shyamala, S., Navdeep Kaur and T. Arul Pragasam – A Text Book on Econometrics – Theory and Applications, Vishal Publishing Co., Jalandhar.
6. Madnani, G.M.K. – 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^प मदनानी, जी. एम. के. (1996) – अर्थमिति: अवधारणाएं एवं विधियां, ऑक्सफोर्ड एवं आई.बी.एच. कम्पनी प्रा. लि., नई दिल्ली।
- 14^प अग्रवाल, एच. एस. (1998) – अर्थमितिय निदर्श, आर.बी.एस.ए. पब्लिशर्स, जयपुर।

Paper Code: 43325C

M.A. ECONOMICS 2015-16
SEMESTER – III
Paper – V C
DEMOGRAPHY

Unit – I

Meaning of Scope of Demography, Components of Population Growth and their interdependence, Measures of Population Change, Structure, Distribution and Sources of Population data.

Unit – II

Theories of Population – Malthus, Optimum theory of Population, Theory of Demographic Transition – Views of Medows, Enke and Simon, Population and development.

Unit – III

Population trends in the Twentieth Century, Population Explosion, International Aspects of Population Growth and Distribution, Pattern – Determinants and Effects of Age and Sex Structure in Developed and Less Developing Countries and Population Aging.

Unit – IV

Importance of study of Fertility – Levels and Trends of Fertility in more and less developed countries, Factors affecting Fertility, Nuptiality – Concept and Analysis of Marital Status, Single Mean age at Marriage.

Unit – V

Mortality – Death Rates, Crude and Age Specific, Mortality of Birth and Infant Mortality Rate, Levels and Trends of Mortality in more and Less Developing Countries, Sex and Age pattern mortality, Factors responsible for decline in mortality in recent years, Life table – construction and uses, Concepts of stable population, Methods of population projection.

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. Mistra, 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, नई दिल्ली।

Paper Code: 43325D

M.A. ECONOMICS 2015-16
SEMESTER – III
Paper – V D
COMPUTER APPLICATION IN ECONOMIC ANALYSIS

Unit – I

Basics of Computers – Computer History, Generations, Types, Characteristics and Number Systems, Block Diagram of Computer, Memory, Input-Output Devices, Printer and Plotter.

Unit – II

Application Package – Word Processor – Editing, Formatting, Inserting Objects, Options, Mail Merge, Printing, Table – Editing, Formatting, Processor setting and Tool setting.

Unit – III

Data Base – Concept of Data, Record and Files, Type of Data, Structure and Data Analysis, File Handling and Operation like Opening, Appending and Sorting, Data Operations, Algorithms like Sorting, Merging, Joining and Bifurcating, Operation on Data Base – DBMS.

Unit – IV

Computer Networking and Internet, Network Topology, LAN, WAN and MAN, World Wide Web, E-mail and Telnet, Addressing in Internet, ISP and IP Addresses, Web Browser and Search Engines, Web Pages, HTML tags, Development of Web Page including Tables and Images.

Unit – V

Electronic Trading and Marketing – On Line Banking, ATMs, Electronic Stock Exchange, Electronic Trading, Data sharing and Discrimination, Document Delivery, Transaction Security and Digital Signature.