

**ALLAHABAD STATE UNIVERSITY, ALLAHABAD**  
**MASTER OF ARTS [M.A] – ECONOMICS SYLLABUS**

**SEMESTER SYSTEM**

[ SEMISTER I & II w.e.f. 2017-2018 AND SEMISTER III & IV w.e.f. 2018-2019]

**EACH PAPER : MAXIMUM MARKS : 100**

| PAPER  | SEMISTER I : [Total 4 Papers]               | PAPER  | SEMISTER II [Total 4 papers ]                            |
|--------|---|--------|--|
| I      | Micro Economic Analysis<br>[compulsory]     | I      | Advanced Micro Economics<br>[compulsory]                 |
| II     | International Trade<br>[compulsory]         | II     | Modern International<br>Economics<br>[compulsory]        |
| III    | History Of Economic Thought<br>[compulsory] | III    | Monetary Economics<br>[compulsory]                       |
|        | Choose IV (A) Or IV(B)                      |        | Choose IV (A) Or IV(B)                                   |
| IV(A)  | Agriculture Economics<br>[optional] Or      | IV (A) | Quantitative Methods<br>[optional]                       |
| IV (A) | Labour Economics<br>[optional]              | IV (B) | Economics of Human<br>Resource Development<br>[optional] |

| PAPER  | SEMISTER III: [Total 4 Papers]                      | PAPER | SEMISTER IV[Total 4 papers<br>and Viva-voce]           |
|--------|---|-------|--|
| I      | Macro Economic Analysis<br>[compulsory]             | I     | Economics of Growth and<br>Development [compulsory]    |
| II     | Public Finance<br>[compulsory]                      | II    | Industrial Economics<br>[compulsory]                   |
| III    | Indian Economy<br>[compulsory]                      | III   | Environmental<br>Economics[compulsory]                 |
|        | CHOOSE IV[A] Or IV [B]                              |       |  |
| IV(A)  | Demography<br>[optional] Or                         | IV    | Infrastructure Development<br>of India<br>[compulsory] |
| IV (B) | Economic Development of<br>Uttar Pradesh [optional] | V     | Viva-voce<br>[compulsory]                              |

M.A. 2/6/17

2/6/17

2/6/17

2/6/17

Rashmi Singh  
02/06/17

**M.A. PREVIOUS ECONOMICS  
I SEMESTER, PAPER I**

**Micro - Economic Analysis**

- Module I Economics: Meaning, nature, scope, methods of study, types of equilibrium, stability of equilibrium.
- Module II Consumer behaviour: Cardinal Utility Analysis, Indifference Curve Analysis, Consumer's Surplus - Marshall and Hicks View.
- Module III Production function : Law of variable proportion, Returns to scale, Cobb-Douglas production function, Isoquants - producers equilibrium.
- Module IV Theory of pricing : Perfect competition, Monopolistic competition, Monopoly, Oligopoly

**BASIC READING LIST**

1. Koutsoyiannis, A.; Modern Microeconomics, Macmillan.
2. Hicks, J.R.; Value and Capital
3. Ryan, W.J.L.; Price Theory, MacMillan and Co. Ltd. London.
4. Samuelson, P.A. and W.D. Nordhaus, Economics, Tata McGraw Hill, New Delhi.
5. Stonier, A.W. and D.C. Hague, A Textbook of Economic Theory, ELBS & Longman Group, London.
6. Varian, H.R.; Intermediate Micro Economics : A Modern Approach, East-west Press New Delhi.
7. Chamberlin, E.H., Theory of Monopolistic Competition.
8. Robinson, J.; Economics of Imperfect Competition.
9. Gauld, J.P. and Edward, P.L. (1996), Microeconomic Theory, Richard, Irwin, Homewood.
10. Heathfield and Wibe (1987), An Introduction to Cost and Production Functions, MacMillan, London.
11. Henderson J. and R.E. Quandt, Micro Economic Theory : A Mathematics Approach, McGraw Hill, New Dehi.



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**SEMESTER I - PAPER II- INTERNATIONAL TRADE**  
**[COMPULSORY PAPER] w.e.f 2017-18**

Maximum Marks: 100

**Module I:**

Theories of International Trade: Adam Smith, Ricardo, Mill, Haberler, General Equilibrium Theory (Ohlin); Indifference Curve, Community Indifference Curve.

**Module II:**

Gains from Trade, Terms of Trade; Concept, Types, Factors Affecting Terms of Trade, Unfavorable Terms of Trade, Trade as engine of Growth.

**Module III:**


Theory of Interventions: Tariffs, Quota, Non Tariff barriers, Effects of Tariffs under partial and general equilibrium, Free Trade and Protection.

**Module IV:**

Foreign Exchange Rate: Monetary Approach and Asset Approach to Balance of Payments, Exchange control and Exchange Management.

**BASIC READING LIST**

- \*Salvatore, D. (1997), International Economics, Prentice Hall, Upper Saddle River, N.J., New York.
- \*Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
- \*Kindleberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
- \*Soderston, Bo (1991), International Economics, The Macmillan Press Ltd., London. Haberler, G.Von, International Trade
- \*Dana, M.S. (2000), International Economics : Study, Guide and Work Book, (5th Edition), Routledge Publishers, London.
- \*Dunn, R.M. and J.H. Mutti (2000), International Economics, Routledge, London. \*Reserve Bank Of India, Reports on Currency and Finance
- \*King, P.G. (1995), International Economics and International Economic Policy : A Reader, McGraw Hill International, Singapore.
- \*Jhingan, M.L., International Economics, Vrinda Publications Ltd.
- \*Datt, R., & K.P.M. Sundharam,, Indian Economy, S.Chand & Co. Ltd,



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**SEMESTER I - PAPER III- HISTORY OF ECONOMIC GROWTH**  
**[COMPULSORY PAPER] w.e.f 2017-18**

Maximum Marks: 100

**Module I:**

Pre-Classical Thoughts: Mercantilism, Physiocrats, Classical Thoughts, Adam Smith, David Ricardo, Malthus, Mill Senior.

**Module II:**

The Socialistic Tradition: Sismondi, St. Simon, Karl Marx, the Historical School, American School Of Thought, Institutionalism.

**Module III:**

Marginalism: Marshall, Walras, Jevons, Menger, Wejser, Keynesian Thought.

**Module IV:**

Modern Thought: Friedman, Tobin, Schultz, Solow, Pareto, and Indian Economic Thought: Maoroji, Gandhi, Nehru, J.K.Mehta, Ambedkar.

**REFERENCES**

***References :***

- Blackhouse R. - A History of Modern Economic Analysis.
- Schumpeter, J.A. - History of Economic Analysis.
- Verma, N.M.P. - Economic Thought of Ambedkar.
- Blaug, M. - Economic Theory in Retrospect.
- Grey, A. - History of Economic Doctrine.
- Haney - History of Economic Thought.
- Roll, E. - A History of Economic Thought.
- Ganguli, B.N. - Indian Economic Thought Vol. I.
- Datta, B. - Indian Economic Thought Vol. I.
- Neff, Frank - Economic Doctrines.
- Newman, P.C. - History of Economic Thought.
- Gide, C. and G. Rist - A History of Economic Doctrines.
- Hazela - A History of Economic Thought.



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**MASTER OF ARTS [M.A]- ECONOMICS SYLLABUS**

**SEMESTER SYSTEM**

**SEMESTER I - PAPER IV (A)- AGRICULTURAL ECONOMICS**  
**[OPTIONAL PAPER] w.e.f 2017-18**

Maximum Marks: 100

**Module I:**

Introduction: Native and Scope of Agricultural Economics, Role of Agriculture in Economic Development, Interdependence between agriculture and industry.

**Module II:**

Theories of Agriculture Development: Lewis, Fei-Ranis and Mellor's Theory, Agriculture and India's Foreign Trade, WTO and Indian Agriculture.

**Module III:**

Land Reforms: Concepts, Progress, Sources of Rural Credit, Role of NABARD, Technical Change in Agriculture, Agriculture Marketing, Agriculture Price Policy, Public Distribution System.

**Module IV:**

Economics of Farm Size, Capital Formation in Agriculture, Production Function in Agriculture, Production Decision, Factor-Product Relationship, Factor-Factor Relationship, Product-Product Relationship, Food Security.

**BASIC READING LIST**

- \*Misra S.K. & V.K.Puri, Indian Economy, Himalayn Publications Mumbai
- \*Prasad, C.S., Sixty Years of Indian Agriculture, New Delhi, 2006
- \*Mishra, Jai Prakash, Agricultural Economics, Sahitya Bhavan Publications, Agra, 2006
- \*Joshi, P.C. (1975), Land Reforms in India: Trends and Prospects, Allied Publishers, Bombay.
- \*Bilgrami, S.A.R., Agricultural Economics, Himalaya Publishing House, Delhi.
- \*Dantwala, M.L. et.al (1991), Indian Agricultural Development Since Independence, Oxford & IBH, New Delhi.
- \*Soni, R.N., Leading Issues in Agriculture Economics
- \*Agarwal, A.N., & M.K. Agarwal,, Indian Economy, New Edge International Pvt. Ltd. New Delhi
- \*Datt, R., and K.P.M. Sundhram, Indian Economy, S. Chand & Co. Ltd., New Delhi
- \*Kapila, Uma., Indian Economy : Since Independence
- \* Government of India, Economic Survey (Annual), New Delhi.



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**SEMESTER SYSTEM**  
**SEMESTER I - PAPER IV (B)- LABOUR ECONOMICS**  
**[OPTIONAL PAPER] w.e.f 2017-18**

Maximum Marks: 100

**Module I:**

Definition, Nature, Scope and Importance of Labour Economics, Concept of Man Power Planning; Concept of Human Resource Development; Problems of Labour Market; Demand and Supply of Labour.

**Module II:**

Characteristics of Labour; Characteristics of labour market in India; Labour Migration; Labour Productivity; Child Labour.

**Module III:**

Concepts and measurement of unemployment; Employment and Unemployment situation in India; Methods of recruitment and placement; Employment Service Organization in India; lay-offs, retrenchment and exit policy; Employment Policies in India.

**Module IV:**

Women Labour: Gender Biasness in Labour Market, Effect of Globalization on Labour Market.

**Module V:**

Concept of Living, Fair and Minimum Wage, Real and Nominal Wages, Theories of Wage Determination: Wage Policy, Productivity and Wages, Bonus System in India.

***Books Recommended :***

Bloom, Northrop, Rewen, Readings in Labour Economics

Bloom, Northrop, Rewen, Readings in Labour Economics

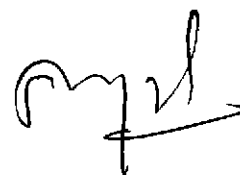
Brown, Phelps, Economics of Labour

Brown, Phelps, Economics of Labour

Giri, V.V., Labour in Indian Industry

Lester, R.A., Economics of Labour

Singh, R.R., Labour Economics



ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-II-PAPER-I-ADVANCED MICRO ECONOMICS

Maximum Marks : 100

- Module-I Criticism of Neo- Classical Theory of firm, Modern Theories of firm- Baumol, Williamson, Marris Models, Bain's Limit Price Theory.
- Module-II Input-Output analysis, Macro distribution theories : Kalecki, Ricardo, Karl Marx, Theories of Trade Cycle : Samuelson, Hicks, Hawtrey.
- Module-III Micro distribution Theories : Theory of factor pricing, classical and Modern Theories of Rent, Quasi-rent, Keynesian and Modern Theories of Interest. Risk and Uncertainty Theories of profit.
- Module-IV Welfare Economics : Pigion, Paréto, Kaldor-Hicks, Arrow, Rawl's theory of justice.

**BASIC READING LIST**

- \*Koutsoyiannis, A., Modern Microeconomics, Macmillan.
- \*Lipsey, R.G. and K.A. Chrystal (1999), Principles of Economics (9th Edition), Oxford University Press, Oxford.
- \*Gould and Ferguson , Micro Economic Theory
- \*Ahuja, H.L., Advance Economic Theory : Micro Economic Analysis
- \*Mishra and Puri : Advanced Micro Economic Theory
- \*Henderson J. and R.E. Quandt, Micro Economic Theory: A Mathematical Approach, McGraw Hill New Delhi
- \*Samuelson, P.A. and W.D. Nordhaus , Economics, Tata McGraw Hill, New Delhi
- \*Stonier, A.W. and D.C. Hague , A Textbook of Economic Theory, ELBS & Longman Group, London
- \*Gauld, J.P. and Edward P. L. (1996), Microeconomic Theory, Richard. Irwin, Homewood.
- \*Heathfield and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan, London.
- \*Varian, H.R.; Intermediate Micro Economics: A Modern Approach(5<sup>th</sup> Edition), East-west Press New Delhi



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SEMESTER-II-PAPER-II-MODERN INTERNATIONAL ECONOMICS

Maximum Marks : 100

- Module-I Theories of International Trade : Hecksher- Ohlin Theory, Factor Price Equalization theorem, Stolper- Samuelson theorem, Rybczynski theorem.
- Module-II Economic Integration : The theory of Custom Union, Effects of Custom Union- Static and dynamic effect, Lipsey Model, Vanek Model.
- Module-III Foreign Exchange Rate : Determination under Gold Standard, Purchasing power Parity Theory and Balance of Payment theory, Fixed and Flexible exchange rates; Foreign trade multiplier.
- Module-IV Balance of payments : Meaning, Structure, Equilibrium and disequilibrium, Adjustment Mechanism of Balance of Payments- the Absorption Approach, Causes and Measures to correct Adverse Balance of payments.

**BASIC READING LIST**

- \*Salvatore, D. (1997), International Economics, Prentice Hall, Upper Saddle River, N.J., New York.
- \*Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
- \*Kindleberger, C.P. (1973), International Economics, R D. Irwin, Homewood.
- \*Soderston, Bo (1991), International Economics, The Macmillan Press Ltd., London. Haberler, G.Von, International Trade
- \*Reserve Bank Of India, Reports on Currency and Finance
- \*King, P.G. (1995), International Economics and International Economic Policy : A Reader, McGraw Hill International, Singapore.
- \*Jhingan, M.L., International Economics, Vrinda Publications Ltd.
- \*Datt, R., & Sundharam, K.P M , Indian Economy, S.Chand & Co. Ltd,
- \*Mithani, D.M., International Economics
- \*Singhani, G.C., International Economics





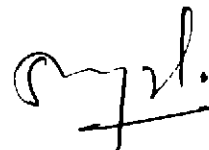
ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-II-PAPER-III-MONETARY ECONOMICS

Maximum Marks : 100

- Module-I Nature, Scope and Significance of Monetary Economics, Neutrality and Non- Neutrality of money, Classical and Keynesian Approach to Demand for money, Post- Keynesian Approach (Friedman, Baumol, Tobin), Keynesianism and Monetarism.
- Module-II Money Supply : Concepts of money supply, Different money stocks in India ( $M_0$ ,  $M_1$ ,  $M_2$ ,  $M_3$ ,  $M_4$ ), RBI Approach to money supply, High Powered Money.
- Module-III Money Inflation : Concept, types, effects and theories of Money inflation, inflation and economic development, control of inflation, deflation, stagflation, Phillips curve.
- Module-IV Monetary Policy : Objectives, tools, Credit control, Monetary Policy and growth, Banking sector reforms in India, Functions of Central Bank, International Monetary Institutions Role of SDR, Euro, Problem of International Liquidity.

***Books Recommended :***

|                  |  |
|------------------|--|
| Gupta Suraj Bhan | Monetary Economics                                 |
| Jhingar M.L.     | Monetary Economics                                 |
| Sinha V.C.       | Monetary Economics                                 |
| Gupta S.B.       | Money Banking & Public Finance                     |
| Pigon A.C.       | Lappes From Full Employment                        |
| Seth S.N.        | Central Banking in under Development Money Markets |



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MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-II-PAPER-IV(A) QUANTITATIVE METHODS

Maximum Marks : 100

- Module-I Descriptive Statistics : Collection, Organization and Presentation of Data, measures of central tendency and dispersion- mean, median, mode, mean deviation, standard deviation, correlation coefficients. Correlation and regression analysis. Measures of skewness.
- Module-II Sampling and Sampling Methods Sample and Population, Parameters and Statistics. Variables and Attributes; sampling and non-sampling errors; Types of samplings.
- Module-III Theory of Probability : Probability, distribution, events spaces. Joint, marginal and conditional probability under conditions of certainty and uncertainty, Random variable : Expectation and Distribution. Addition and Multiplication Theorems. Distributions : Binomial, Poisson, Normal, Chi-square, test, t-test and F-test.
- Module-IV Statistical Estimation and Testing of Hypothesis : Types of estimators and their properties, Sampling distribution for sample mean and proportion.  
Time Series: Nature and decomposition of a time series trends. Cyclical, seasonal and random components. Measurement of trends : moving averages, least squares method, Index Numbers : Importances, Types, Whole Sale Price Index.

**Books**

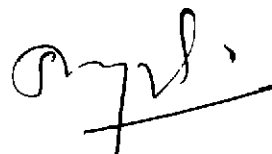
Croxtan and Dudley : Applied General Statistics

Gupta, S.P. : Applied Statistics.

Gupta, S.B. : Statistical Theory.

Elhance, D.N. : Statistics

Monga, G.S. : Statistics



ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-II-PAPER-IV(B)  
ECONOMICS OF HUMAN RESOURCE DEVELOPMENT

Maximum Marks : 100

Module-I Human Resource and Economic Development, Importance of Human resource development, Relation between economic growth and human development. Factors affecting human development.

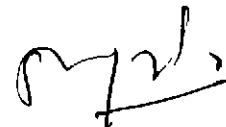
Module-II Role of education and health in human resource development. Investment in education and health. Human resource and social welfare.

Module-III Human resource development in India. Manforce planning in India. Meaning, Objectives, Need and Importance, Efforts of human resource development in five year plans.

Module-IV Different Indices of Human Development : HDI, HPI, Problems of Child labour, Women Labour, Migration of talent, Policy for HRD.

अनुमोदित पुस्तकें :

- एस०पी० सिंह : आर्थिक विकास एवं नियोजन  
एम०एल० झिंगन : आर्थिक विकास एवं नियोजन  
ओ०एस० श्रीवास्तव : जनांकिकी  
बी०सी० सिन्हा : जनांकिकी  
मुन्नीलाल : मानव पूँजी का अर्थशास्त्र  
ट्रेसर, विलियम आर० : मैनेजमेंट ट्रेनिंग एण्ड डेवलपमेन्ट  
बेक्सेल एण्ड लाथम : डेवलपमेन्ट एण्ड ट्रेनिंग ह्यूमन रिसोर्स इन आर्गनाइजेशन  
आर्य एण्ड टण्डन : ह्यूमन रिसोर्स डेवलपमेन्ट  
सभनायकम, एस० : ह्यूमन रिसोर्स डेवलपमेन्ट एण्ड युटिलाइजेशन



ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-III-PAPER-I- MACRO-ECONOMIC ANALYSIS

Maximum Marks : 100

Module-I National Income and Accounts : Circular flow of income in two, three and four sector economy, Different forms of national income accounting; social accounting, Input output accounting, flow of funds.

Module-II Consumption Function : Keynes psychological law of consumption, implications of law, short run, long run consumption function. Investment Function : Marginal efficiency of investment, marginal efficiency of capital and investment short run and long run.

Module-III Post Keynesian Demand for Money : Patinkin's Real Balance effect approaches Baumol and Tobin, Friedman Modern Quantity theory.

Module-IV Theory of Inflation and Business Cycles : Classical, Keynesian and modern approaches to inflation, theory of inflation, Phillips, curve, policies to control inflation. Theories of trade cycle : Schumpeter, Kaldor and Hicks. Control of Trade Cycles.

References :

1. Ackley, G., Macroeconomics : Theory and Policy, Macmillan, New York.
2. Dornbasch, R. and F. Stanley Macroeconomic, McGraw Hill. Inc. New York.
3. Heajdra, B.J. & V.P. Fredrick, Foundations of Modern Macroeconomics, Oxford, New Delhi
4. Jha, R. Contemporary, Macroeconomics Theory and Policy. Wiley Eastern Ltd. New Delhi.
5. Keynes, J.M., The General Theory of Employment, Interest and Money Macmillan, London.
6. Palinkin, D. Money, Interest and Prices, Harper and Row, New York.
7. Hicks, J.R. A Contribution to the theory of Trade Cycles, Clarendon Press, Oxford.
8. Gupta, S.B. Macroeconomic Analysis.



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MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-III-PAPER-II- PUBLIC FINANCE

Maximum Marks : 100

- Module-I Introduction : Nature and Scope of Public Finance, Role of Government, in organized society, Role in mixed economy, Public and Private Sector, Principle of Maximum Social Advantage.
- Module-II Public Expenditure : Pure theory of Public expenditure, Structure and Growth of Public expenditure, Wagner's law of increasing state activities, Wiseman peacock hypothesis, Zero base budgetary, classification of Public expenditure.
- Module-III Taxation : Sources of Public revenue, canons of taxation, Direct and Indirect tax, Theories of incidence, Alternature concept of incidence. Benefit and Ability to pay theories, Goods and service tax.
- Module-IV Public debt : classical view, sources of public debt, types, burden of public debt, types of budget deficits, Fiscal deficits, Deficits Financing : concept, need, effects on economy, Fiscal Policy : Objectives, importance, and tools of fiscal policy, Fiscal policy in India.

**Books Recommended :**

1. Buchanan, J.M., The Public Finance, Richard D. Irwing, Homewood.
2. Goode, R. Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
3. Jha, R. Modern Public Economics, London.
4. Musgrave, R.A. and P.B. Musgrave, Public Finance in Theory and Practice, McGraw Hill, Tokyo.
5. Shome, P. (Ed.), Tax Policy : Hand Book, Tax Divisions Fiscal Affairs, Department, International Monetary Fund, Washington D.C.
6. Chelliah, Raja, J., Fiscal Policy in Under Development Countries, George Allen and Unwin, London.
7. Government of India, Long Term Fiscal Policy.
8. Bhargava, R.N., Theory and Working of Union Finance in India, Chaitanya Publishing House, Allahabad.
9. Chelliah, Raja, J. et a., Trends and Issues in India's Federal Finance, National Institute of Public Finance and Policy, New Delhi.
10. Bhargava, P.K., Centre State Resources Transfers in India, The Academic Press, Gurgaon.

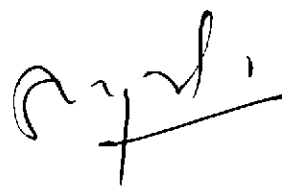
ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-III-PAPER-III- INDIAN ECONOMY

Maximum Marks : 100

- Module-I Structure and Basic features of Indian Economy, changes in economy in planning period, demographic structure, features and population policy, occupational distribution, rural-urban migration.
- Module-II National Income : Trends and composition, Poverty : Concepts, Analysis, poverty alleviation programmes, Regional Imbalances, Infrastructure : Energy.
- Module-III Growth, Problems and development of Agricultural, Industrial and Service sectors of India in Planning period.
- Module-IV Planning in India; Achievements, Failures, strategy of Planning, NITI AYOG : Elementary treatment, Public debt of India, Deficit financing in India, Globalisation and Indian Economy : Impact, Gains, shortcomings, Multinationals in India, Foreign Direct Investment.

**BASIC READING LIST**

- \*Datt, R., and K.P.M. Sundhram, Indian Economy, S. Chand & Co. Ltd., New Delhi
- \*Agarwal, A.N., Indian Economy, New Edge International Pvt. Ltd., New Delhi
- \*Misra, S.K., and V.K. Puri, Indian Economy, Himalaya Publishing House, Mumbai
- \*Kapila, Uma., Indian Economy : Since Independence
- \*Jalan, B., The Indian Economy : Problems and Prospects, Viking, New Delhi.
- \*Government of India, Economic Survey (Annual), Economic Division, Ministry of Finance, New Delhi.
- \* Parikh, K.S., India Development Report – 1999-2000, Oxford University Press
- \*Dandekar, V.M. and N. Rath, Poverty of India
- \*Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy : Inter-State Perspectives, Bookwell, Delhi.
- \*Ahluwalia, I.J. and I.M.D. Little (Eds.) (1999), India's Economic Reforms and Development (Essays in honour of Manmohan Singh), Oxford University Press, New Delhi.



ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-III-PAPER-IV(A) DEMOGRAPHY

Maximum Marks : 100

Module-I : Demography- Meaning, Scope and Subject Matter, Demographic data- Methods of data collection, Census, Measurement of Population growth, Structure of population, Population Projection.

Module-II Theories of Population- The Malthusian Theory of Population, optimum Theory, Logistic curve Theory, Theory of demographic transition, Migration: Causes, factors, effects and Todaro model of rural urban migration.

Module-III Fertility- Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate, Factors Affecting Fertility- Socio-economic factors, economic status, health, education, nutrition, Fertility Measurement, Fertility trends in India.

Module-IV Mortality and Morbidity- Concepts and Measurement. Life Table- Meaning, Types and uses. Demographic trends in developed and developing countries. Population Policy of India.

**BASIC READING LIST**

- \*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.
- \*Coale A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low Income Countries: A Case Study of India's Prospects, Princeton University Press, Princeton.
- \*Gulati, S.C. (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.
- \*Simon, J.L. (1992), Population and Development in Poor Countries, Princeton University Press.
- \*Srinivasan, K. (1998), Basic Demographic Techniques and Applications, Sage, New Delhi
- \*Sinha, V.C. and Pushpa Sinha, Principles of Demography, Mayur Paperbacks, Noida
- \*Raj, Hans., Fundamentals of Demography –Population studies with special reference to India, Surjeet Publications, Delhi



ALLAHABAD STATE UNIVERSITY SYLLABUS  
MASTER OF ARTS - ECONOMICS  
ECONOMIC DEVELOPMENT OF UTTAR-PRADESH  
SEMESTER - III PAPER - IV (B) (OPTIONAL)  
Unit - I

Development among the States

Demographic and Population issues, Natural resources; Urbanization; Poverty, Unemployment; Education, Health issues; Measures to tackle the basic human development issues; Inclusive development strategies

Unit - II

Inter-State Development in India

Infrastructure development; Power sector, roads, other transport; Rural development among the states; Non-economic parameters in economic development among the states; Fiscal strategies for infrastructure and rural development

Unit - III

Growth and Development in Uttar Pradesh Economy

Pattern of economic growth in Uttar Pradesh, Sectoral behaviour in the economy; Economic growth and sectoral behaviour in Uttar Pradesh and Indian economy; Inter-State Comparison of the income and growth; District-level growth behaviour in Uttar Pradesh


Unit - IV

Farm Sector, Industry and Services in Uttar Pradesh

Pattern of farm sector production and productivity, Farm inputs, finances, mechanization and marketing, farm policies; Pattern of industrial development, growth of large industries, MSMEs, Industrial policy in Uttar Pradesh

References:

- A.N. Agrawal and M.K. Agarwal: Indian Economy, New Age International Pvt Ltd, New Delhi (Latest Edition)
- M.K. Agarwal: Uttar Pradesh Ki Arthavyavstha, New Royal Book Depot, Lucknow
- Government of Uttar Pradesh: Human Development Reports
- Government of Uttar Pradesh: Five Year Plans and Annual Plans
- Planning Commission of India: Various Five Year Plans
- Uma Kapila: Indian Economy, Academic Foundation, New Delhi (Latest edition)





ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-IV-PAPER-I GROWTH AND DEVELOPMENT

Maximum Marks : 100

- Module-I : Basic Issues : Economic Growth and Economic Development- Meaning, concept, Measurement and Development, Economic Growth and Social Justice : Kuznets' hypothesis, Growth- Distribution Trade off. Basic needs approach, Hunger, Entitlement and capability, Human Development- HDI HPI, Poverty Indices, Gender Index.
- Module-II General Theories : Classical Theories : Adam Smith, Ricardo, Marx's theory of development, Theories of Schumpeter, Rostow, Harrod- Domar Growth Models, Solow and Model of Joan Robinson.
- Module-III Partial Theories : Theory of Big Push, Balanced and Unbalanced Growth, Social and Technological Dualism, Lewis Model, Fei and Ranis Model. Trade and development : Trade as engine of growth, static and dynamic gains from trade, Prebisch, Singer and Myrdal Thesis.
- Module-IV Problem and Policy : Population and Development, Poverty and Developments, Environment and Development Capital formation and development, Globalization and development of less developed contrives . Investment Criteria, WTO and developing countries.

**BASIC READING LIST**

- \*Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.
- \*Higgins, B. (1959), Economic Development, W.W. Norton, New York.
- \*Hogendorn, J. (1996), Economic Development, Addison, Wesley, New York.
- \*Kahkonon, S. and M. Olson (2000), A New Institutional Approach to Economic Development, Vistaar.
- \*Kindleberger, C.P. (1977), Economic Development, McGraw Hill, New York.
- \*Todaro, M.P. (1996), (6th Edition), Economic Development, Longman, London.
- \*Thirwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.
- Jhingan M.L., Economic Development
- \*Solow, R.M., Growth Theory – An Exposition
- \*Hamberg, D., Models of Growth



ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-IV-PAPER-II INDUSTRIAL ECONOMICS

Maximum Marks : 100

- Module-I : Introduction : Meaning, Need, Scope and Significance of Industrial Economics, Large and Small Scale Industries, Public Sector- Importance and Problems. Sources of Industrial Finance in India, Development of Financial Institutions and capital Market in India.
- Module-II Industrial location : Factors Affecting Location of Industries, Theories of Location : Weber, Florence, Industrial Imbalance : Causes and Measures, Determinants of Location.
- Module-III Project Appraisal : Pay-back period Method, Return on capital method, cost- Benefit Analysis, Internal Rate of Return Method, Social Cost Benefit Analysis, Debt and Equity capital, Types of Shares.
- Module-IV Industrial Efficiency : Productivity and its measurement, Factors Affecting productivity, size of firm and productivity, capacity utilization, diversification, Merger, Industrial efficiency.

**Basic Reading List**

- Ahluwalia, I.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.
- Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
- Cherunilam, F. (1994), Industrial Economics : Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.
- Desai, B. (1999), Industrial Economics in India (3rd 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 (1979), Industrial Economics Theory and Evidence, Oxford University Press, New Delhi.
- Kuchhal S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya Publishing Houses, Allahabad.
- Reserve Bank of India, Report on Currency and Finance (Annual).
- Singh, A. & A.N. Sandhu (1988), Industrial Economics, Himalaya Publishing House, Mumbai.
- Gupta, S.B. : Industrial Economics.



ALLAHABAD STATE UNIVERSITY, ALLAHABAD  
MASTER OF ARTS- ECONOMICS SYLLABUS  
SEMESTER-IV-PAPER-III ENVIRONMENTAL ECONOMICS

Maximum Marks : 100

- Module-I : Environmental Economics : Meaning and Scope, Environment and Economy : Neo-classical and Ecological Economics Perspectives, Interlinkages, Material Balance Model, Environment and Development Trade-off, Functions of Environment.
- Module-II Deviation from economic efficiency, Pollution as Externality, Environmental Quality as Public Good, Case of Market failure, Social Optimum Level of Pollution and changes in it.
- Module-III Economics of Environmental Regulations : Liability Laws, Allocation of Property Rights, Emission Standards, Pollution Tax and Transferable Pollution Permit.
- Module-IV Limits to Growth : Malthusian, Neo-classical and Ecological Economics Perspectives, Sustainable Development : Concept, Rules Approaches to sustainability and indicator, Common Property Resources : Problem and Management, Issue of Climate Change.

***Books Recommended :***

Ehrlich, P, A. Ehrlich and J. Hilden, Economics, Population, Resources, Environment, W.H. Freeman, San Francisco.

Hemple, Lamont C., Environmental Economics: The Global Challenge, First East West Press, Edinburgh.

Ahmad, M. Hussen: Principle of Environmental Economics, Pouledge & Taylor & Francis Group.

R.N. Bhattacharya : Environmental Economics, Air India Perspective, Oxford University Press.

Thomas & Callan : Environmental Economics.

Nick Hanley, F. Shogran & J. Whitel : Environmental Economics Theory & Practice, Oxford University Press.

K.V. Pavitran : A Text Book of Environmental Economics, New Age India Publications.

U. Sarkar : Environmental Economics (edited).

Erach Bharucha : Environmental Studies, Orient Longman.

Karpagam, M. A Text Book of Environmental Economics, Sterling Publisher Home.



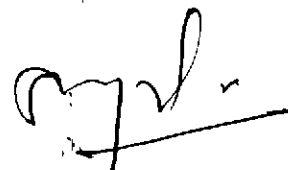
**ALLAHABAD STATE UNIVERSITY, ALLAHABAD**  
**MASTER OF ARTS- ECONOMICS SYLLABUS**  
**SEMESTER-IV-PAPER-IV INFRASTRUCTURE**  
**DEVELOPMENT OF INDIA**

**Maximum Marks : 100**

- Module-I : Infrastructure : Meaning And Types, Infrastructure and Economic Development, Challenges of Infrastructure Development, Infrastructure As a Public Good, Peak Load and Offload Problem, Marginal Cost Pricing and Other Pricing Methods of Public Utilities.
- Module-II Social Infrastructure : Significance of Education to Economic Development, Expenditure on Education, Private Investment in Education, Health and Economic Development : Linkages and Impact, Education, Health and Human Resource Development, Role of Government and Private Sector in Health care in India, Public Private Partnership in Health Sector : Current Scenario and Problems.
- Module-III Transportation : Role of Transport in Economic Development, Growth of Road Network in India, Transport Policy of India, Rationale of Government Intervention in Management of Transport, Need For Privatisation in Transport Infrastructure, Public Private Participation, Limitations of Privatisation Policy.
- Module-IV A Brief Introduction and Development of Energy Sector and Telecommunication Sector, Importance of non Conventional Energy Sources, Energy crisis in India, Rural Infrastructure Development, Problems of Infrastructure Development in India.

**References :**

- India Infrastructure Report, Annual Issues, Govt. of India.
- Parikh, K.S. (2012): India Infrastructure Report 2012, Oxford University Press, New Delhi.
- Misra, S.K. and Puri, V.K. (2016). Indian Economy, Himalaya Publishing House.
- A.N. Agrawal and MK Agarwal : Indian Economy, New Age International Pvt. Ltd. New Delhi, (Latest Edition).
- Five Year Plans
- Government of India, Economic Survey (for different years)
- Uma Kapila, Indian Economy Since Independence, Academic Foundation, New Delhi.



ALLAHABAD STATE UNIVERSITY  
M.A FINAL ECONOMICS  
SEMESTER SYSTEM  
IV SEMESTER - PAPER - V  
VIVA - COMPULSORY.

M. MARKS - 100

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