



**CHHATRAPATI
SAHUJI MAHARAJ
UNIVERSITY
KANPUR**

**SCHOOL OF ARTS, HUMANITIES &
SOCIAL SCIENCES**

**Department of Economics
Master of Arts (M.A.) Economics
Syllabus SEMESTER SYSTEM**

EACH PAPER: MAXIMUM MARKS :100



CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR

STRUCTURE OF SYLLABUS FOR THE

PROGRAM: MASTER OF ARTS, SUBJECT: ECONOMICS

Syllabus Developed by			
Name of BoS Convenor / BoS Member	Designation	Department	College/University
Prof. A.K. Sen Gupta	Ex Vice-chancellor	Economics	Lucknow, University
Prof. A.K. Tiwari	Professor	Economics	Dr. Shakuntala Misra National Rehabilitation University, Lucknow
Prof. Shakti Kumar	Professor	Economics	Jawaharlal Nehru University, Delhi
Dr. Sharad Dixit	Course Co-Ordinator	Economics	CSJM University, Kanpur
Dr. Pooja Singh	Assistant Professor	Economics	CSJM University, Kanpur

I ST YEAR / I ST SEM						
COURSE CODE	TYPE	COURSE TITLE	MIN CREDITS	CIA	ESE	MAX. MARKS
A080701T	CORE	Micro-Economics Analysis	4	25	75	100
A080702T	CORE	International Trade	4	25	75	100
A080703T	CORE	History of Economic Thought	4	25	75	100
A080704T	CORE	Agriculture Economics	5	25	75	100
A080705T	CORE	Labour Economics				
Optional: Select any 01 Course						
Total			17	100	300	400

I ST YEAR / II ND SEM						
A080801T	CORE	Advanced Micro Economics	4	25	75	100
A080802T	CORE	Modern International Economics	4	25	75	100
A080803T	CORE	Monetary Economics	4	25	75	100
A080804T	CORE	Statistical Techniques	4	25	75	100
A080805T	CORE	Economics Human Resource Development				
A080806R	CORE	Research Project	8	25	75	100
Minor Elective from Other Faculty			4	25	75	100
Total			28	150	450	600

II ND YEAR / III RD SEM						
A080901T	CORE	Micro-Economics Analysis	5	25	75	100



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A080902T	CORE	Public Finance	5	25	75	100
A080903T	CORE	Indian Economy	5	25	75	100
A080904T	CORE	Demography	4	25	75	100
A080905T	CORE	Economic Development of U.P.				
A080906R	CORE	Internship	5	25	75	100
TOTAL			24	125	375	500
IIND YEAR / IVTH SEM						
A081001T	CORE	Economic Growth and Development	5	25	75	100
A081002T	CORE	Industrial Economics	5	25	75	100
A081003T	CORE	Environmental Economics	5	25	75	100
A081004R	CORE	Project	8	25	75	100
A081005P	CORE	Viva-Voice	5	25	75	100
Total			28	125	375	500
GRAND TOTAL			97	625	1500	2000

NOTE:

1. **DonotmarkanyCode/InformationinColumn-A,itwill be endorsedbytheUniversity.**
2. **CIA** in Column-E stands for '**Continuous Internal Assessment**' and depicts the maximum internal marks. Respectiveexamination will beconducted by subject teacher. **ESE** in Column F stands for '**End Sem Examination/Evaluation**' and depicts the maximum external marks. Respective examinationwillbeconducted bythe University.
3. Column-B defines the nature of course/paper. The word **CORE** here instands for **Compulsory Subject Paper**.
 1. Column-D depicts the credits assigned for the corresponding course/paper.
 2. **Elective:** It will be a Subject Elective. Students may accordingly select one or more subject papers under this category.
 3. **Amongst the electives, one or two electives may be declared as Open (Generic) electives that shall be open as Minor Elective to students of other faculty in 1st or 2nd semester of a PG program.**
 4. In both years of PG program, there will be a Research Project or equivalently a research-oriented Dissertation as per guidelines issued earlier.
 5. Research project can be done in form of Internship/Survey/Field work/Research project/ Industrial training, for which report/dissertation shall have to be submitted. The evaluation for the same shall be done at the end of each year in form of seminar/presentation and viva voce.
 6. The students straight away will be awarded 05 credits if he publishes a research



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STRUCTURE OF SYLLABUS FOR THE

PROGRAM: MASTER OF ARTS, SUBJECT: ECONOMICS

paper on the topic of Research Project or Dissertation.

C.S.J.M. University
Department of Economics
Master of Arts (MA) Economics Syllabus
SEMESTER SYSTEM
EACH PAPER: MAXIMUM MARKS :100

PAPER	SEMESTER I: (Total 4 Papers)	Paper	SEMESTER II (total 4 Papers)
1	Micro-Economic Analysis [compulsory]	5	Advanced Micro Economics [compulsory]
2	International Trade [compulsory]	6	Modern International Economics [compulsory]
3	History Of Economic Thought [compulsory]	7	Monetary Economics [compulsory]
	Choose 4 (A) or 4 (B)		Choose 8 (A) or 8 (B)
4 (A)	Agriculture Economics [optional]	8(A)	Statistical Techniques
4 (B)	Labour Economics [compulsory]	8 (B)	Economics Human Resource Development [compulsory]

PAPER	SEMESTER I: (Total 4 Papers)	Paper	SEMESTER II (total 4 Papers)
9	Macro-Economic Analysis [compulsory]	13	Economics of Growth and Development [compulsory]
10	Public Finance [compulsory]	14	Industrial Economics [compulsory]
11	Indian Economy [compulsory]	15	Environmental Economics [compulsory]
	Choose 12 (A) or 12 (B)		Choose 16 (A) + 16 (B)
12(A)	Demography [compulsory]	16(A)	Project [compulsory]
12 (B)	Economic Development of Uttar Pradesh [compulsory]	16(B)	Viva-Voce [compulsory]

  A. K. Bengt

M.A. PREVIOUS ECONOMICS
SEMESTER-I, PAPER-I
Micro-Economic Analysis

Module I-Economics: Meaning, nature, scope, methods of study, types of equilibrium, stability of equilibrium.

Module II-Cardinalism and Ordinalism, Consumer Behaviour. Cardinal Utility Analysis, Indifference Curve, Weak ordering and strong ordering- Marshall, Samuelson and Hicks, Derivation of demand Curve.



Analysis, Consumer's Surplus - Marshall and Hicks View.

Module III- Production function: Law of variable proportion, Returns to scale, Cobb-Douglas production function, quantitative analysis of production function Isoquants-producers equilibrium.

Module IV- Quantitative analysis theory of pricing, Nature and relationship revenue and cost curve. Perfect competition, Monopolistic competition, Monopoly, Oligopoly

BASIC READING LIST:

- Koutsoyiannis, A.; Modern Microeconomics, Macmillan.
- Hicks, J.R.; Value and Capital
- Ryan, W.J.L; Price Theory, MacMillan and Co. Ltd. London.
- 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.
- Varian, H.R.; Intermediate Micro Economics: A Modern Approach, East-west Press New Delhi.
- Chamberlin, E.H., Theory of Monopolistic Competition.
- Robinson, J.; Economics of Imperfect Competition.
- 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.
- Henderson J. and R.E. Quandt, Micro Economic Theory: A Mathematics Approach, McGraw Hill, New Delhi.
- Rahul Deshraj Shastri: Micro economic theory
- KALYAN JI CHOUDHARY: Basic Principles of Modern-microeconomics:
- Case Studies

  **A.K. Bengupta**

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS [M.A]- ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-I, PAPER-II, - INTERNATIONAL TRADE
[COMPULSORY PAPER]

Maximum Marks: 100

Module I-

Gains from trade, Theories of International Trade: Adam Smith, Ricardo, Mill, opportunity cost theory for international trade, General Equilibrium Theory (Ohlin), Indifference Curve, Community Indifference Curve.

Module II-

Terms of Trade: Concepts, Types and measurement of terms of trade Factors, Effects of growth on trade and effects of trade on growth.

Module III-


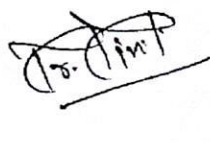
Theory of Interventions: Tariffs, Quota, Non-Tariff barriers, Effects of Tariffs under partial and general equilibrium

Module IV-

Free Trade and Protection, 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, NJ., 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.
- Jagdish Bhagwati - international trade
- Case Studies

A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS (M.A)- ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-I,PAPER-III, -HISTORY OF ECONOMIC THOUGHT
[COMPULSORY PAPER]

Maximum Marks: 100

Module I-

Kautilya, 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, Weiser, Keynesian Thought.

Module IV-

Indian Economic Thought: Naoroji, Gandhi, Nehru, J.K.Mehta, Ambedkar.

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, G.- 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.
- Kautilya- Arthshastra
- H L Bhatia
- Case Studies

  A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS M.A.- ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-I, PAPER-IV, (A)- AGRICULTURAL ECONOMICS
[OPTIONAL PAPER]

Maximum Marks: 100

Module I-

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

Module II-

Theories of Agriculture Development: Lewis, Ranis- Fei 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. Agriculture Finance & NABARD, Food & Nutritional Security.

Module IV-

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

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, G., and K.P.M. Sundram, Indian Economy, S. Chand & Co. Ltd., New Delhi
- Kapila, Uma., Indian Economy: Since Independence
- Government of India, Economic Survey (Annual), New Delhi.
- Five Year Plans
- Sandhu & Singh Agricultural Economics
- Case Studies

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A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS (M.A.)- ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-I, -PAPER IV, (B)- LABOUR ECONOMICS
[OPTIONAL PAPER]

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 for and Supply of Labour.

Module II-

Characteristics of Labour, Characteristics of labour market in India; Labour Migration; Labour Productivity; Child Labour, Trade Union Movement in India.

Module III-

Employment: Concepts and measurements of unemployment; 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
- 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
- Reading in Labour Economics-Penguin Series Publication
- Case Studies

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A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS ECONOMIES SYLLABUS
SEMESTER SYSTEM
SEMESTER-II, PAPER-V, - 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, Problem of optimization & Linear Programming.

Module III-


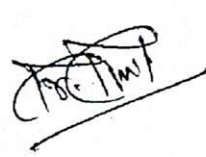
Micro distribution Theories: Theory of factor pricing. classical and Modern Theories of Rent, Quasi-rent, Keynesian and Modern Theories of Interest Risk and Uncertainty Theories of profit.

Module IV-

Welfare Economics: Pigeon, Pareto, Kaldor-Hicks, Modern Theory : Slutsky Theory of Profit , Amartyasen Idea of Justice, 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, McGrawHill 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 (1995), 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 Edition), East-west Press New Delhi.
- Case Studies

  A. K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS- ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-II, PAPER-VI, - MODERN INTERNATIONAL ECONOMICS

Maximum Marks: 100

Module-I

Theories of Modern International Trade: Hecksher- Ohlin Theory, Factor Price Equalization theorem, Stopler- Samuelson theorem, Rypczynski theorem.

Module-II

Foreign Exchange Rate: Determination under Gold Standard, purchasing power Parity Theory and Balance of Payments, Fixed and Flexible exchange rates: Foreign trade multiplier.

Module-III

Balance of payments: Meaning, Structure, Equilibrium and disequilibrium, Adjustment Theories of Balance of Payments- Elasticity Approach & Absorption Approach, Causes and Measures to correct Disequilibrium in Balance of Payments.

Module-IV

International Institutions & Regional Blocks - International Monetary Fund, World Banks, BRICS, BIMSTEC, IBSA G20. UNCTAD, ADB, WTO, SAFTA

BASIC READING LIST-

- Salvatore, D. (1997), International Economics, Prentice Hall, Upper Saddle River, N., 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.
- P.T. Elseworth
- H.L Bhatia
- Reading International Trade Jagdish Bhagwati
- Case Studies



A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-II, -PAPER-VII, -MONETARY ECONOMICS

Maximum Marks: 100

ModuleI-

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.

ModuleII-

Money Supply: Concepts of money supply, Different money stocks in India (M1, M2, M3), RBI Approach to money supply, High Powered Money.

ModuleIII-

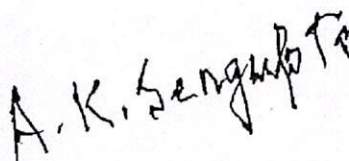
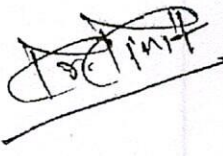

Money Inflation: Concept, types, effects and theories of Money inflation, inflation and economic development, control of inflation, deflation, stagflation, Phillips curve.

ModuleIV-

Monetary Policy: Objectives, tools, Credit control, Monetary Policy and growth, Banking sector reforms in India, Functions of Central Bank, International Monetary Institutions.

Books Recommended-

- | | |
|--------------------|--|
| ➤ Gupta Suraj Bhan | Monetary Economics |
| ➤ Sinha V.C. | Monetary Economics |
| ➤ Pignon A.C. | Lapses From Full Employment |
| ➤ Seth S.N. | Central Banking in under Development Money Markets |
| ➤ N N Srivastava | New Dimensions in Monetary Economics |



C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-II, -PAPER-VIII(A) - STATISTICAL TECHNIQUES

Maximum Marks: 100

ModuleI-

Sampling and Sampling Methods Sample and Population, Parameters and Statistics. Variables and Attributes; sampling and non-sampling errors: Types of samplings.

ModuleII-

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.

ModuleIII-

Theory of 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."

ModuleIV-

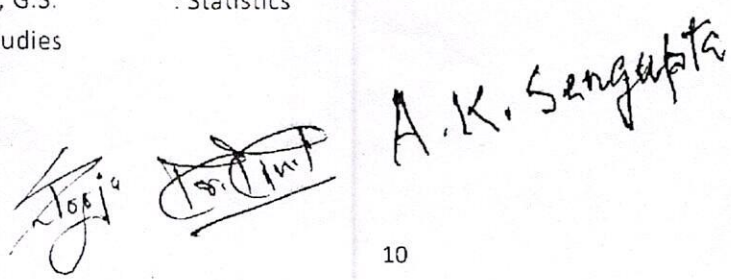
Statistical Estimation and Testing of Hypothesis: Types of estimators and their properties, Sampling distribution for sample mean and proportion.

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: Importance, Types, Whole Sale Price Index.

Books-

- Croxton and Dudley : Applied General Statistics
- Gupta, S.P. : Applied Statistics.
- Gupta, S.B. : Statistical Theory.
- Elhance, D.N. : Statistics
- Monga, G.S. : Statistics
- Case Studies


A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER-II, -PAPER-VIII (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


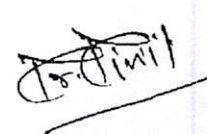
Human resource development in India. Manpower planning in India; Meaning, Objectives, Need and Importance of Human Resource Development and five-year plans.

Module-IV

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

अनुमोदित पुस्तकें :

- | | | |
|---------------------|---|--|
| ➤ एस० पी० सिंह | : | आर्थिक विकास एवं नियोजन |
| ➤ ओ० एस० श्रीवास्तव | : | जनांकिकी |
| ➤ बी० सी० सिन्हा | : | जनांकिकी |
| ➤ मुन्नीलाल | : | मानव पूंजी का अर्थशास्त्र |
| ➤ ट्रेसर विलियम आर० | : | मैनेजमेंट ट्रेनिंग एण्ड डेवलपमेन्ट |
| ➤ वेक्सले एण्ड लाथम | : | डेवलपमेन्ट एण्ड ट्रेनिंग ह्यूमन रिसोर्स इन आर्गनाइजेशन |
| ➤ आर्य एण्ड टण्डन | : | ह्यूमन रिसोर्स डेवलपमेन्ट |
| ➤ समनायकम, एस० | : | ह्यूमन रिसोर्स डेवलपमेन्ट एण्ड युटिलाइजेशन |
| ➤ Case Studies | : | |

  A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-III, -PAPER-IX, -MACRO-ECONOMIC ANALYSIS

Maximum Marks: 100

Module-I

National Income and Accounts: Circular flow of income in two, three and four sectors of economy. Different forms of national income accounting; social accounting, Input output accounting, flow of funds, Green Accounting.

Module-II

Consumption Function: Keynes psychological law of consumption, implications of law, short run, long run consumption function., Investment Function: Decision to invest Marginal efficiency of investment, marginal efficiency of capital and investment in short run and long run.

Module-III

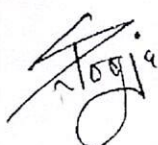

Post Keynesian Demand for Money: Patinkin's Real Balance effect Alternative approaches of Baumol and Tobin, Friedman Modern Quantity theory.

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: Hicks, Samuelson, Kaldor & Schumpeter innovation theory. Control of Business Cycles.

References:

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

A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-III, -PAPER-X, -PUBLIC FINANCE

Maximum Marks: 100

Module-I

Theory of Public choice: Private Goods, Social goods, Merits Goods, Local Public Goods.

Module-II

Public Expenditure: Pure theory of public expenditure: Lindal Musgrave, Samuelson Buchanan.

Module-III

Government Budget & Budgetary Classification, Performance Budget & Zero-Based Budgetings Planning Programming & Budgeting System Equality in taxation: Horizontal & vertical equality principles of Taxation.

Module-IV

Fiscal federalism & role of finance commissions. Fiscal Policy: Compensatory finance for developed countries & fiscal policy for Developing Countries.

Books Recommended:

- Buchanan, J.M., The Public Finance, Richard D. Irwing, Homewood.
- 2. Goode, R. Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
- Jha, R. Modern Public Economics, London.
- Musgrave, R.A. and P.B. Musgrave, Public Finance in Theory and Practice, McGraw Hill, Tokyo.
- Shome, P. (Ed.), Tax Policy: Hand Book, Tax Divisions Fiscal Affairs, Department, International Monetary Fund, Washington D.C.
- Chellai, Raja, J., Fiscal Policy in Under Development Countries, George Allen and Unwin, London.
- Government of India, Long Term Fiscal Policy.
- Bhargava, R.N., Theory and Working of Union Finance in India, Chaitanya Publishing House, Allahabad.
- H.L. Bhatia Government Budgeting in India.
- Case Studies

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A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-III, -PAPER-XI, - 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, Measures, poverty alleviation programmes, Regional Imbalances, Infrastructure: Energy.

Module-III

Structure Adjustment Programme & Economic Reforms in India Growth, Problems and development of Agricultural, Industrial and Service sectors of India in Planning period.

Module-IV

Planning in India; Achievements, strategy shortcomings of Planning, NITI AYOJ: Elementary treatment, Deficit, financing in India, Foreign Direct Investment, Multinationals in India.

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.
- S N Lal, Study of Economic
- Case Studies

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A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-III, -PAPER-XII (A) DEMOGRAPHY

Maximum Marks: 100

Module-I

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

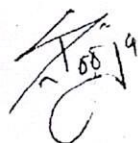
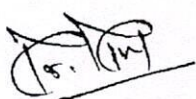
Fertility- Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate, Factors Affecting Fertility- Socio-economic factors, economic status, health, education, nutrition, Fertility Measurement, Fertility trends in India.

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.
- Case Studies



A.R. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS
ECONOMIC DEVELOPMENT OF UTTAR PRADESH
SEMESTER SYSTEM
SEMESTER-III, - PAPER-XII(B) (OPTIONAL)

Unit-I

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-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

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

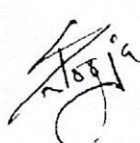
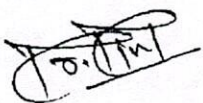
Unit-IV

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

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 Arthavyavस्था, 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).
- Case Studies



A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-IV, -PAPER-XIII, 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, PQLI Human Development- HDI HPI, Poverty Indices, Gender Index.

Module-II

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

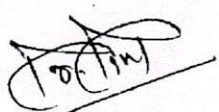

Partial Theories: Investment Criteria, Theory of Big Push, Balanced and Unbalanced Growth, Social and Technological Dualism, Lewis Model, Ranis and Fei Model! Trade and development: Trade as engine of growth, static and dynamic gains from trade, Prebisch, Singer and Myrdal Thesis.

Module-IV

Problem effect of Economic growth on International Trade and Policy: Population and Development, Poverty and Developments, Environment and Development Capital formation and development, Globalization and development of less developed contrives. WTO and developing countries, Technological change & Economic growth.

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.
- Kahkonen, 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
- A.K. Sen, Reading in Growth Economics
- Rathindra Pratap Singh, Economic
- Mickal P. Tondon, Economic of Developing World
- Case Studies

  **A.K. Sengupta**

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-IV, - PAPER-XIV, -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

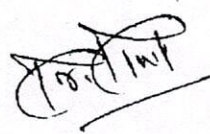
Project (Appraisal): Pay-back period Method, Return on capital method, cost- Benefit Analysis, Internal Rate of Return Method. Benefit cost Analysis, Debt and Equity capital, Types of Shares.

Module-IV

Industrial Efficiency: Productivity and its measurement, Factors Affecting productivity, size of firm and productivity. capacity utilization, diversification, Merger.

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.
- Case Studies



A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS- ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-IV, -PAPER-XV, - 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. Pavitrn : A Text Book of Environmental Economics, New Age India Publications.
- U. Sarkar: Environmental Economics (edited).
- Case Studies

  A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER SYSTEM
SEMESTER-IV, -PAPER-XVI (A) INFRASTRUCTURE
DEVELOPMENT OF INDIA

Maximum Marks: 100

Module-I

Maximum Marks: 100 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

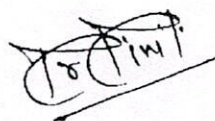
Transportation: Role of Transport in Economic Development, Growth of Road Network in India, Transport Policy of India, Rationale of Government Intervention in Management of Transport, Need for Privatisation in Transport Infrastructure, Public Private Participation, Limitations of Privatisation Policy.

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.
- Pankh, 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.
- Case Studies



A.K. Sengupta

C.S.J.M. UNIVERSITY, KANPUR
MASTER OF ARTS-ECONOMICS SYLLABUS
SEMESTER-IV, PAPER-XVI (B) VIVA-VOCE
XVI (A) Project COMPULSORY

M.MARKS – 100

  A.K. Sengupta