M.A. Economics

Course Scheme According to Choice Based Credit System

TO BE IMPLEMENTED FROM 2016-17

(Only in the University Teaching Departments)

Time : 3 Hours

Maximum Marks : 100 Marks

Theory : 80 Marks

Internal Assessment : 20 Marks, Division of Marks as given below:

One Test/Seminar: 50% (For Each Paper)

One Class Test: 25 % (One Period Duration)

Attendance: 25% Marks of Attendance will be given as under:

91% onwards	:	05 Marks
81% to 90%	:	04 Marks
75% to 80%	:	03 Marks
70% to 74%	:	02 Marks
65% to 69%	:	01 Marks*****

*****For students engaged in Co-Curricular Activities of the University only /authenticated medical grounds duly approved by the concerned Chairperson.

Scheme of Examination for M.A. Economics

1. The M.A. Economics Course has been divided into 4 Semesters spread over 2 years.
2. Every Student of M.A. Economics Course has to pass **84 Credits (64 Core Courses Credits + 16 Elective Courses Credits + 2 Credits in Semester-II and 2 Credits in Semester-III from optional Paper offered by other Departments of the Faculty of Social Sciences).**
3. The M.A. Economics Course is of 188 Credits and every student has to pass 84 Credits to earn the Degree under Choice Based Credit System.

SEMESTER-I

PAPER CODE	**NOMENCLATURE**	**EXT.**	**INT.**	**TIME**	**CREDITS**		
CORE PAPERS					L	T	P
Paper-101	Micro Economic Analysis-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-102	Macro Economic Analysis-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-103	Mathematics for Economists	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-104	Public Economics-I	80	20	3 Hrs.	4	½ Hrs./G	-
ELECTIVE PAPERS							
Paper-105 Option (i)	Financial Economics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-105 Option (ii)	Demography-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-105 Option (iii)	Economics of Infrastructure-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-105 Option (iv)	Economics of Insurance-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-105 Option (v)	Economics of Labour-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-105 Option (vi)	Computer Applications in Economic Analysis-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-105 Option (vii)	Mathematical Economics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Total		500			20		

Note: Students are required to select any one option from Paper-105. The students will select the same optional stream in Semester II.

SEMESTER-II

PAPER CODE	NOMENCLATURE	EXT.	INT.	TIME	CREDITS		
CORE PAPERS					L	T	P
Paper-201	Micro Economic Analysis-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-202	Macro Economic Analysis-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-203	Statistics for Economists	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-204	Public Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
ELECTIVE PAPERS							
Paper-205 Option (i)	Financial Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (ii)	Demography-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (iii)	Economics of Infrastructure-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (iv)	Economics of Insurance-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (v)	Economics of Labour-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (vi)	Computer Applications in Economic Analysis-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (vii)	Mathematical Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
OESS-02	Candidate is required to take one Option Elective, other than Economics, from the Common Lists of Papers of Social Sciences (Syllabus enclosed in the end)	50	--	2 Hrs.	2	½ Hrs./G	-
Total		500+50			20+2		

Note: Students are required to select any one option from Paper-205. The students will select the same optional stream as in Semester I.

SEMESTER-III (W.E.F. 2017-18)

PAPER CODE	NOMENCLATURE	EXT.	INT.	TIME	CREDITS		
CORE PAPERS					L	T	P
Paper-306	International Trade and Finance-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-307	Economics of Environment and Social Sector-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-308	Indian Economic Policy-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-309	Economics of Growth and Development-I	80	20	3 Hrs.	4	½ Hrs./G	-
ELECTIVE PAPERS							
Paper-310 Option (i)	Econometrics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (ii)	History of Economic Thought-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (iii)	Economics of Agriculture-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (iv)	Welfare Economics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (v)	Industrial Economics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (vi)	Financial Markets and Institutions-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (vii)	Economics of Gender and Development-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (viii)	Economics and Law-I	80	20	3 Hrs.	4	½ Hrs./G	-
OESS-12	Candidate is required to take one Option Elective, other than Economics, from the Common Lists of Papers of Social Sciences of the same Subject as taken in Semester-II (Syllabus enclosed in the end)	50	--	2 Hrs.	2	-	-
Total		500+50			20+2		

Note: Students are required to select any one option from Paper-310. The students will select the same optional stream in Semester IV.

SEMESTER-IV

PAPER CODE	NOMENCLATURE	EXT.	INT.	TIME	CREDITS		
CORE PAPERS					L	T	P
Paper-406	International Trade and Finance-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-407	Economics of Environment and Social Sector-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-408	Indian Economic Policy-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-409	Economics of Growth and Development-II	80	20	3 Hrs.	4	½ Hrs./G	-
ELECTIVE PAPERS							
Paper-410 Option (i)	Econometrics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (ii)	History of Economic Thought-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (iii)	Economics of Agriculture-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (iv)	Welfare Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (v)	Industrial Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (vi)	Financial Markets and Institutions-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (vii)	Economics of Gender and Development-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (viii)	Economics and Law-II	80	20	3 Hrs.	4	½ Hrs./G	-
Total		500			20		

Note: Students are required to select any one option from Paper-410. The students will select the same optional stream as in Semester III.

M.A. 1st Semester
Paper- 101(Compulsory)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

MICRO ECONOMIC ANALYSIS-I

Note: (i) Nine Questions will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The present course aims to enable the students to analyze the economic agents i.e. consumers and firms at micro level. The students will be acquainted with theories of demand, production and cost. They will be able to analyze various forms of market structure with mainly neo-classical marginal approach.

Unit-I

Theory of Demand and Consumer Behaviour: Indifference curve approach; Price, Income and Substitution effects (Hicks and Slutsky); Revealed Preference Theory; The Consumer's Surplus (Marshall and Hicks). Elasticity (Price, cross, income) of demand and Supply and their applications; Revision of Demand theory by Hicks; Linear Expenditure System.

Unit-II

Production function (properties of Cobb Douglas and CES); Laws of production(variable proportions and returns to scale with the help of iso-quants); Technical Progress and production function; Equilibrium of the single product firm ; Theories of costs – traditional and modern; Analysis of economies of scale.

Unit-III

Perfect competition – Short and long term equilibrium of the firm and industry; Dynamic changes and industry equilibrium.
Monopoly – short run and long run equilibrium; Price discrimination; Monopolistic competition - Chamberlin's approach to equilibrium of the firm.

Unit-IV

Oligopoly–Non-collusive models- Cournot, Bertrand, Kinked-demand curve and Stackleberg solution.

Collusive models- Market sharing cartels; Price leadership models.

Basic Reading List

- Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
- Salvatore D(2006), Microeconomics-Theory and Applications, Oxford University Press
- Varian, H. (2003), Intermediate Microeconomics, East-West Press.

Additional Reading List

- Archibald, G.C. (Ed.) (1971), Theory of the Firm, Penguin, Harmondsworth.
- Baumol, W.J. (1982), Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
- Boyes.W and Melvin. M , Micro economics, Houghton Mifflin Company Boston Newyork.
- Collel A.,Whinston and Green (2012), MicroEconomic Theory, Oxford University Press.
- Da Costa, G. C. (1980), Production, Prices and Distribution, Tata McGraw Hill, New Delhi.
- Goodwin, Nelson,Ackerman and WeissKopf(2009), Micro Economics in context, PHI Learning Private Limited.
- Gravelle,H.and Rees,R.(2008), Micro Economics, Dorling Kindersley.
- Green H.A.G. (1971), Consumer Theory, Penguin, Harmondsworth.
- Gupta K.R.(2009), Advanced MicroEconomics, Atlantic Publishers and Distributors LTD
- Healthfields and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan, London.
- Henderson, J.M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
- Hirshleifer, J. and A. Glazer (1997), Price Theory and Applications, Prentice Hall of India, New Delhi.
- Jehle Geoffrey A.and Reny Philip J (2008), Advanced Micro Economic Theory, Dorling Kindersley (India)
- Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton.
- Layard, P.R.G. and A.W. Walters (1978), Microeconomic Theory, McGraw Hill, New York.
- Lipsey and Chrystal(2014), Economics, Oxford University Press
- Mankiw(2006),Principles of Microeconomics,Cengage Learning
- Mansfield Edwin, Applied MicroEconomics, W.W.Norton ,New York London.
- Sen, A. (1999), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
- Sen,A.(2007), Micro Economics: Theory and applications. Oxford University Press.
- Varian, H. (2000), Microeconomic Analysis, W.W. Norton, New York.

M.A. 1st Semester
Paper-102 (Compulsory)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

MACRO ECONOMIC ANALYSIS-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Macroeconomics analyses and establishes the functional relationships between large aggregates. The aggregate analysis has assumed such a great significance in recent times that a prior understanding of macroeconomics theoretical structure is considered essential for the proper comprehension of the different issues and policies. Macroeconomics now is not only a scientific method of analysis; but also a body of empirical economic knowledge. The paper equips the students at the postgraduate level to understand systematic facts and latest theoretical developments for empirical analysis at economy level. The scope of this part is limited to a closed macro economy with static analysis.

Unit-I

National Income and Accounts

National income accounting – social accounting, input-output accounting, flow of funds accounting; Balance of payments accounting; Classical and Keynesian Models of income determination.

Consumption function

Keynes' Psychological law of consumption – implications of the law; Empirical evidence on consumption function; Reconciliation of short run and long run consumption function – absolute income, relative income, permanent income and life cycle hypotheses.

Unit-II

Investment Theories

Investment Function; The Marginal Efficiency of Capital Approach; Accelerator- Simple & Flexible; Profits Theory; Financial Theory; The Neoclassical Model.

Unit-III

Demand for Money

Classical and Keynesian approach (The Regressive Expectations model); Post Keynesian approaches to demand for money-Tobin (Portfolio balance approach), Baumol (Inventory theoretic approaches) and Friedman (Restatement of quantity theory of money).Patinkin's real balance effect.

Unit-IV

Supply of Money

Measures of money supply; RBI's approach to money supply; Mechanism of Monetary expansion and contraction (deterministic and behavioural models); Determinants of money supply; Instruments of Monetary control.

Neo-classical and Keynesian Synthesis

The Basic IS-LM model, extension of IS-LM model with government sector, labour market and variable price level.

Basic Reading List

- Ackley, G. (1978), Macroeconomics: Theory and Policy, Macmillan, New York.
- Blackhouse, R. and A. Salansi (Eds.) (2000), Macroeconomics and the Real World (2 Vols.), Oxford University Press, London.
- Branson, W.A. (1989), Macroeconomic Theory and Policy, (3rd Edition), Harper and Row, New York.
- Dornbusch, R. and F. Stanley (1999), Macroeconomics, Irwrin McGraw Hill, Inc. New York, 7th Edition.
- Heijdra, B.J. and V.P. Fredericck (2001), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi.
- Jha, R. (1991), Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd., New Delhi.
- Romer, D.L. (1996), Advanced Macroeconomics, McGraw Hill Company Ltd., New York.
- Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.

Additional Reading List

- Mankiw, N.G. and D. Romer (Eds.) (1991), New Keynesian Economics, (2Vols.), MIT Press, Cambridge.
- Mankiw, N. Greogory (2000), Macroeconomics Macmillan Worth Publishers 4th Edition
- Frisch, H. (1983), Theories of Inflation, Cambridge University Press, Cambridge.
- Sheffirin, S.M. (1996), Rational Expectations, Cambridge University Press, Cambridge.
- Lucas, R. (1981), Studies in Business Cycle Theory, MIT Press, Cambridge, Masscechusetts.
- Taylor, L. (1983), Structuralist Macroeconomics, Basic Books, New Longman.
- Turnovsky, S.J. (1977), Macroeconomic Analysis and Stabilization Policy, Cambridge University Press, Cambridge.
- Ruggles R. and N. Ruggles (1956), National Income Accounts and Income Analysis Mc Graw Hill, Newyork.

- Veniers, Y.P. and F.D.Sebold, (1977) Macroeconomics; Models and Policy John Wiley and Inc, USA.

- Dernburg, T.F. and D. M. McDougall, Macroeconomics, McGraw Hill International Book Company.

M.A. 1st Semester
Paper-103 (Compulsory)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

MATHEMATICS FOR ECONOMISTS

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The main objective of this paper is to train the students to use the techniques of mathematical analysis, which are commonly applied to understand and analyze economic problems. The emphasis of this paper is on understanding economic concepts with the help of mathematical methods rather than learning mathematics itself. Hence in this paper a student will be initiated into various economic concepts, which are amenable to mathematical treatment. It will use matrices, determinants, differentiation, integration, linear programming and game theory to solve economic problems.

Unit-I

Concept of Matrix and Determinant – their types, simple operations on matrices, matrix inversion and rank of matrix; Solution of simultaneous equations through Cramer's rule and Matrix inverse method. Introduction to input-output analysis.

Unit - II

Rules of differentiation; Elasticity and their types; Rules of Partial differentiation and interpretation of partial derivatives; Problems of maxima and minima in single and multivariable functions; Unconstrained and constrained optimization in simple economic problems.

Unit - III

Concept and simple rules of integration; Application to consumer's and producer's surplus. Difference equations – Solution of first order and second order difference equations; Applications in trade cycle models; Growth models and lagged market equilibrium models.

Unit - IV

Linear programming – Basic concept, Nature of feasible, basic and optimal solution; Solution of linear programming problem through graphical and simplex method.

Concept of a game; Two-person Zero-sum game; value of a game; strategies- simple and mixed; Dominance rule; Solution of a game by linear programming.

Basic Reading List

- Mathematics for Economics by Michael Hoy etal, PHI, New Delhi, 2004.
- Quantitative Methods for Business and Economics by Adil H. Mouhammed, PHI, New Delhi, 2003.
- Quantitative Methods by D.R. Aggarwal
- Basic Mathematics for Economists by R.C. Joshi, New Academic Publishing
- Leontief, W. (1936) Quantitative input-output relations in the economic systems of the United States. Review of Economics and Statistics, Vol 18, pp.105-125.
- Miller, R.E. and P.D. Blair (1985) Input-Output Analysis: Foundations and Extensions. Prentice-Hall, Englewood Cliffs, New Jersey.
- Proops, J., Faber, M. and Wagenhals, G. (1993) Reducing CO2 Emissions: A Comparative Input-Output Study for Germany and the UK, Springer-Verlag, Heidelberg.
- Aggarwal, H.S. : Modren Micro -Economics, Konark, New Delhi, 1998.
- Taro Yamane, Mathematics for Economists, PHI, 1973.
- Quantitative Techniques in Management by N.D. Vohra, TMH.
- Operations Research by R. Wagnor
- Operations Research by Hamdy A. Taha
- Allen R.G.D. (1974), Mathematical Analysis for Economists, Macmillan Press, London.
- Black, J. and J.F. Bradley (1973), Essential Mathematics for Economists, John Wiley and Sons.
- Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.

M.A. 1st Semester
Paper-104 (Compulsory)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

PUBLIC ECONOMICS –I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: This paper provides the core theories of public economics drawing its roots from welfare economics. Role and functions of the Government in an economy have been changing with the passage of time. Therefore, this paper goes ahead of 'Public Finance' which is traditionally been applied to the package of those policies and operations which involve the use of tax and expenditure measures. The existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner which combines individual freedom and justice. This paper combines a thorough understanding of fiscal institutions with a careful analysis of the issues which underline market efficiency, public choice and taxation.

Unit - I

Economic Rationale of Mixed Economy; The Efficient Markets; Natural Monopolies and Market Failure; Non-Existence of Futures Markets and Market Failure; Asymmetric Information and market Failure; The Problem of Externalities and their Internalisation; The Coase Theorem; Rent Seeking Costs and Political process.

Unit - II

Concept, Characteristics, Types and Efficient Provision of Public Goods; Private provision of Pure Public Goods; Bowen Model, Samuelson Model; Wagner Hypothesis, Thompson Mechanism, Clarke Mechanism, Lindahl - Wicksell Mechanism; Theory of Club Goods.

Unit - III

Efficiency and Equity Principles of Taxation; Incentive Effects of Taxation on Labour Supply; Supply of Savings and Risk Taking; Taxation and Investment; Other Distorting Effects of the Tax System; Tax Incidence – Partial and General equilibrium Analysis; Mieszkowski Analysis of Tax Incidence; Keynesian Short Run Model of Tax Incidence; Dynamic Tax Incidence.

Unit - IV

Normative Analysis of Taxation – Income v/s Excise Tax; Optimal Commodity Tax- The Ramsey Rule, The Corlett and Hague Rule; Optimal Income Tax; Excess Burden of Tax and its Measurement; Normative Principles for Redistribution; Corporation tax and its Effects on Corporate Decisions; Tax Evasion and the Black Economy

Base Text Book

Boadway, Robin, "Public Sector Economics", Cambridge, Winthrop Publishers

Basic Reading List

- Bruce, Neil, "Public Finance", Addison- Wesley Educational Publishers, Inc.
- Jones, Philip and Cullis, Jones, "Public Finance and Public Choice- Analytical Perspectives", Oxford University press
- Stiglitz, Joseph, "Economics of the Public Sector", W.W.Norton and Company, new York/London
- Rosen, H.S., "Public finance", Tata McGraw Hill
- McNutt, P.A., "The economics of Public Choice", Edward Elgar Publishing Inc.
- Mueller, D.C., "Public Choice- I,II,III" Cambridge university Press, Cambridge
- Downs, A., "An Economic Theory of Democracy", Harper and Row, New York
- Musgrave R.A and Peacock A.T., " Classics in the Theory of Public Finance", Mcmillan

M.A. 1st Semester
Paper- 105 (Option-I)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

FINANCIAL ECONOMICS-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Financial economics is the branch of economics studying the interrelation of financial variables, such as prices, interest rates and shares, as opposed to those concerning the real economy. Financial economics concentrates on influences of real economic variables on financial ones, in contrast to pure finance. Financial economics is primarily concerned with building models to derive testable or policy implications from acceptable assumptions. The theory component centers on decision making under uncertainty in the context of the financial markets, and the resultant economic and financial models. The application of the economic principles include the valuation and determination of the fair value of an asset; the riskiness of the asset, generation of cash flows and their discounting; relative valuations; derivatives and other financial instruments. The aim here is twofold: firstly, to complement the theory; secondly, providing students with practical market knowledge.

Unit-I

Nature and Scope of Financial Economics; Goals of Finance; Economics of capital Budgeting-Investment Criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.

Unit-II

Economics of Capital Structure and Firm Value- Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure – EBIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage; Ratio Analysis.

Unit-III

Economics of Dividends- Walter Model, Gordon Model, Modigliani and Miller Model; Economics of Working Capital- Estimation of Working Capital, Financing of working Capital. Cost-Volume-Profit Analysis.

Unit-IV

Economics of Cash – Cash Budgeting and its Simulation, Optimal Cash balance, Baumol Model, Miller and Orr Model; Economics of Receivables; Economics of Inventory – EOQ Model, Pricing of Raw materials, Monitoring and Control of Inventories.

Basic Reading List

- A.C.Shapiro, **"Modern Corporate Finance"**, Macmillan Publishing Co., New York,1991
- Brealey, Myers and Allen, **"Principles of Corporate Finance"**, McGraw Hill, Inc., New York, 8th Edition.
- D.R.Mehta, **"Working Capital Management"**, Prentice Hall Inc., Englewood Cliffs, N.J.,1974
- Deryl Northcott, **"Capital Investment Decision-Making",**Thomson Learning, 1992. ISBN10: 1861524587
- E.I.Altman and M.G.Subrahmanyam (ed.), **"Recent Advances in Corporate Finance"**, Richard D.Irwin, Inc., Homewood, Ill., 1985
- H.Bierman,Jr. and S. Smidt, **"The Capital Budgeting Decision"**, The Macmillan Company, New York, 1988.
- J. Harold Mulherin, **"Mergers and Corporate Governance",** Edward Elgar Publishing, 2004. ISBN10: 1843764210
- J.A.Brittain, **"Corporate Dividend Policy"**, Brookings Institution, Washington D.C., 1966
- J.C.Van Horne, **"Financial Management and Policy"**, Prentice hall, New Delhi, 1995
- Jean Tirole, **"The Theory of Corporate Finance",** Princeton University Press, 2006. ISBN10: 0691125562
- Joel M. Stern, **"Revolution in Corporate Finance",** Blackwell Publishing, 1997. ISBN10: 1577180445
- Prasana Chandra, **"Financial Management"**, Tata McGraw-Hill Publishing Company Limited, New Delhi

M.A. 1st Semester
Paper-105 (Option-II)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

DEMOGRAPHY-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The main objective of this paper is to make the students aware of the importance of population in economic development and the various theories that explain the growth of population in a country. The paper also enlightens the student on the quantitative and the qualitative aspects and characteristics of the population through various demographic techniques. In recent times, gender characteristics of the population have acquired importance and these have also been included in the framework of study of population policy.

Unit - I

Population and Development: Meaning and scope of demography, components of population growth and their interdependence; Sources of population data; Theories of population –Malthus, Optimum theory of population; Theories of demographic transition; Models of Meadows, Enke, Becker and Easterlin; Population and Development.

Unit -II

Structure of Population: Population trends since the twentieth century; International aspects of population growth and distribution; Age and Sex structure in more developed and less developed countries; determinants of age and sex structure; Population pyramids- individual aging and population aging; Population projection

Unit - III

Fertility: Importance of the study of fertility-Total fertility rate, Gross reproduction rate and Net reproduction rate. Levels and trends in developed and developing countries; Factors affecting fertility.

Nuptiality: Concept and analysis of marital status; Trends in age at marriage, widowhood and divorce.

Unit - IV

Mortality: Levels and trends in mortality in developed and developing countries; Mortality differences by age & sex, residence, occupation etc. ; Foetal and Infant mortality; Factors leading to decline in mortality in recent past; Life Tables:- construction and uses.

Basic Reading List

- Agarwal 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), Principle of Demography, John Wiley, New York.
- Chenery H. and T.N. Srinivasan (Eds.)(1989), Hand Book of Development Economics, Vol. 1 & 2 Elsevier, Amsterdam.
- Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.
- Coals, A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low income Countries: A Case Study of India's Prospectus, Princeton University Press, Princeton.
- Gulati, S.C (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.

Additional Reading List

- Agnihotri, S. B. (2000), Sex ration in Indian Population: A fresh Exploration, Sage New Delhi.
- Amsden, A. H. (Ed.) (1992), Form of Production and Women's Labour, Gender Aspects of Industrialization in India and Mexico, Sage, New Delhi.
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- Sudarshan and A. Shariff (1999), Gender Population and Development, Oxford University Press, New Delhi.
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M.A. 1st Semester
Paper- 105 (Option-III)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF INFRASTRUCTURE-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The important role infrastructure plays in a country's development need not be reiterated. In case of developing countries, lack of adequate infrastructure has been held as a major obstacle to growth. The main purpose of this paper is to introduce a course on infrastructure, as it would help the students to understand the strength of infrastructure - physical and social in the process of economic development.

Unit - I

Infrastructure – Physical & Social Infrastructure; Infrastructure as a public good; the peak load, off - load problem; Role of infrastructure in economic development; Issues & policies in financing of infrastructure; Theory of natural monopoly.

Unit-II

Economic analysis of transport: Transport as an economic activity, cost of transport, pricing of transport services, law of diminishing returns and economies of scale, transport policy and development in a changing environment, assessment of present and proposed transport policy and legislation, environment cost of transport, transport regulation.

Unit-III

Rail transport**:** Analysis of the market, legal requirements and policy, railway characteristics and ownership, containerization, regional rail cooperation, international railway trends, railway pricing, pipelines. Air transport **:**Development of the Indian air transport industry, overview of current air transport policies, the roles and responsibilities of national and international control bodies, cost and pricing of air transport services, airline management and control .Airport planning and management.

Unit-IV

Concept, scope and relevance of Human Resource Development (HRD); Domain of HRD; Educational infrastructure and Economic Growth; Approaches to Educational Planning- Social Demand, Rate of Return and Manpower Balance Approaches; The case for Universal, Free, Primary Education; The issues & challenges in Indian higher education.

Basic Reading List

- O' Sullivan, A. (2003) : Urban economics, Boston, MA, Irwin McGraw-Hill
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- Timothy J. B. (1994): Jobs, productivity, and local economic development: what implications does economic research have for the role of government? national tax Journal , 47(4), 847- 862.
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- Button K.J.(1993) :Transport Economics, UK, Edward Elgar
- Singh S. K. (2000): Technical characteristics and efficiency of the Indian state road transport undertakings?, Indian journal of transport management, 24(8): 533-543.

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- Button, K.J. and Pearman A. (1985) : Applied transport economics: a practical case study approach, London, Gordon and Breach
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- Navarro, P. (1996): Electric utilities, the argument for radical deregulation**,** Harvardbusiness review, 73(1): 112-25
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- Flynn, E. (2000):Impact of technological change and productivity on the coal market, energy information administration, issues in midterm analysis and forecasting.

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M.A. 1st Semester
Paper- 105 (Option-IV)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF INSURANCE-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The vital role of insurance in the task of risk-bearing and risk-elimination in the economic affairs has not been appreciated adequately in our country. Given that the element of risk or uncertainty is a universal and fundamental phenomenon in our economic life, the importance of insurance as a means of reducing uncertainty and risk in regard to personal and business activities cannot be overemphasized. The role of insurance sector in mobilizing a country's saving for channelling them into capital formation and thus contribute to a country's economic development is also documented. There is a wide spread recognition that insurance, particularly life insurance, is a prominent segment of applied economics. Insurance industry is an important constituent of financial services industry in India and is a major investment institution and prominent player in the capital market. However, in our country, study of the subject of insurance has largely remained neglected. With the opening of the insurance sector for private Indians and foreign players, the interest in the subject has been kindled. This course on Insurance Economics attempts to give a fairly comprehensive view of the subject to the postgraduate students in Economics and pave the way for possible future expansion of the teaching of an important branch of economics.

Unit-I

Insurance- Meaning, scope and limitations; Role and significance of insurance; Basic principles of insurance; insurance as a social security tool; Risk pooling and risk transfer, Social Vs private insurance; Double insurance and Re-insurance.

Unit-II

Fundamentals of life & health insurance; Functions of life & health insurance; Mathematical basis of life insurance; Plans of life insurance; Legal aspects of life insurance; Provisions of policies; Individual health insurance; Uses and types of evaluation; Principles of underwriting of life & health insurance; Group insurance and superannuation (pension) schemes.

Unit-III

Fundamentals of uncertainty & risk; Pure risk & speculative risk; Expected utility and decision-making under uncertainty; Expected utility & demand for the insurance; Moral hazard and insurance demand; Essentials of risk management; Elements of risk assessment; Risk control & risk financing. Worldwide risk sharing- concept of reinsurance, types of re-insurers; Reinsurance distribution systems; reinsurance markets in developing countries.

Unit-IV

Definition, types and importance of general insurance; Concept of short term risk; Basics of the following concepts - Common law, equity, proposal/accidence, indemnity, insurable interest, contribution subrogation; representation; utmost good faith, material fact, physical hazard, moral hazard, policy endorsements conditions/warranties; selection and inspection of risks; rating and calculation of premiums; tariffs and non-tariffs; technology development and general insurance.

Basic Reading List

- Black. K. Jr. and H.D. Skipper Jr.(2000), Life & Health Insurance, Prentice Hall, Upper Saddle River, New Jerssey.
- Dionne, G. and S.E. Harrington (eds.) (1997), Foundations of Insurance Economics, Kluwer academic Publishers, Boston.
- Pteffer, I. And D.R. Klock (1974), Perspectives on Insurance, Prentice Hall Inc., Engleword Cliffs.
- Williams Jr., C.A. M.L. Smith and P.C.Young (1995), Risk Management and Insurance, McGraw Hill, New York.
- Skipper Jr., H.D.(ed.) (1998), International Risk & Insurance : An Environmental Managerial Approach, Irwin McGraw Hill, Boston.
- United Nations Conference on Trade and Development (1987), The Promotion of Risk Management in Developing Countries, UNCTAD, Geneva.
- Insurance Institute of India, Life Assurance Underwriting, (IC-22), Mumbai.
- Insurance Institute of India, General Insurance Underwriting, (IC-22), Mumbai.
- Government of India (1998), Old Age and Income Security (OASIS) Report (Dave Committee Report), New Delhi.
- Ivers, J.I. III and E.T. Johnson (eds) (1991), Readings in Wealth Accumulation Planning, The American College, Bryn Mawr, Pa.
- Insurance Regulation and Development Authority (2001), IRDA Regulations, New Delhi.
- Meier. K.J. (1998), The Political Economy of Regulation : The Case of Insurance, The State University of New York Press, Albany, N.Y.

M.A. 1st Semester
Paper- 105 (Option-V)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF LABOUR-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Issues pertaining to the labour market, wage theories, employment policies, trade unions and collective bargaining in the globalized economy have become vitally important for developing countries. In a country like India where the bulk of the labour force is in the unorganized sector and the organized sector is witnessing "jobless" growth, the importance of issues such as employment and unemployment as well as livelihood and social security for the growing millions continues to assume significance. This Paper exposes students to theoretical as well as empirical issues relating to the labour market with special reference to India.

Unit-I

Nature and characteristics of labour markets in developing countries like India; Paradigms of labour market analysis – Classical and neo-classical; Demand for labour in relation to size and pattern of investment.

Unit-II

Supply of labour in relation to growth of labour force; Labour market policies; Mobility and productivity of labour; Rationalization; Methods of recruitment and placement; Employment service organization in India; Poverty and unemployment in developing countries; Unemployment – Concept, Types, and Measurement; particularly in India.

Unit-III

Impact of rationalization, technological change and modernization on employment in organized private industry; Public sector and employment in agricultural sector; Employment policy under Five Year Plans and its evaluation.

Unit-IV

Classical, neo-classical and bargaining theories of wage determination; Concepts of minimum wage, living wage and fair wage in theory and practice; Wage determination in various sectors – rural, urban, organized, unorganized and in informal sectors.

Basic Reading List

- Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publisher, New Delhi.
- Lester, R.A. (1964), Economics of Labour, (2nd Edition), Macmillan, New York.
- McConnell, C.R. and S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York.
- Papola, T.S., P.P. Ghosh and A.N. Sharma (Eds.) (1993), Labour, employment and industrial Relations in India, B.R. Publishing Corporation, New Delhi.
- Venkata Ratnam, C.S. (2001), Globalization and Labour-Management Relations: Dynamics of Change, Sage Publications/Response Books, New Delhi.

Additional Reading List

- McCormickm B. and Smith (Eds.)(1968), The Labour Market, Penguin, Harmondsworth.
- Das, N. (1960), Unemployment, Full Employment and India, Asia Publishing House, Bombay.
- Deshpande L.K. and J.C. Sandesara, (Eds.)(1970), Wage Policy and Wages Determination in India, Bombay University Press, Bombay.
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- Singh V.B. (Ed.) (1970), Industrial Labour in India, Popular Parakashan, Bombay.
- Misra, L. (2000), Child Labour in India, Oxford University Press, New Delhi.
- Riveros, L. (1990), Labour Market Policies and Labour Market Reforms in Socialist Economies, World Bank, Washington D.C.

M.A. 1st Semester
Paper- 105 (Option-VI)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

COMPUTER APPLICATIONS IN ECONOMIC ANALYSIS-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The direction towards the knowledge society shall be resting on a healthy economics and proper use of Information Technology. Economics being an empirical science, computers have emerged as the pivotal instruments of economic analysis, research and forecasting. Therefore, the future economists must be equipped with skills and tools based on computers, which this course shall provide to them. This will not only enhance their employability but also prepare them for the challenges of the future.

Unit-I

Introduction to Computer Fundamentals: History and Evolution of Computers; Components of a Personal Computer System; Classification of Computers and their applications; System – Meaning and Concept; Hardware, Software and Types of Software; Operating System- Meaning and Functions; Types of memory; Input-Output Devices. Computer Languages - Machine, Assembly and High-Level Languages;

Unit-II

Data and Information: Meaning, Types, Data Storage Hierarchy; Data base Concepts; Data base Management System, Data Base Structuring Techniques, Table, Form, Query Report; Advantages and Limitations of Database System; Information Technology in Business : Internet, Intranet, Extranet, LAN, MAN, WAN, WWW, E-Mail, Search Engines, EDI and ATM. Social Media.

Unit-III

Application Software: Windows based operating system; Word Processing – Document Management and Formatting; Main Features of MS Access and Presentation software.

Unit-IV

Problem Solving with Spreadsheets; Spreadsheet as DBMS; Arithmetic & Geometric Progressions; Solution of Simultaneous Equation with Matrices; Mathematical, Statistical & Financial Functions; Graphical Analysis in Economics; Time-path of economic variables.

Basic Reading List

- Sinha, P.K., Computer Fundamental, BPB Publications, New Delhi.
- Rajaraman, V., Fundamentals of Computers, Prentice Hall of India, New Delhi.
- Parameswaranm R., Computer Applications in Business, S. Chand and Company, New Delhi.
- Sudalaimuthu, S. and Anthony Raj S, Computer Applications in Business, Himalays Publishing House, New Delhi.
- Goel, Sushil, Computer Application to Business & E-Commerce, Natraj Publishing House, Karanl.
- Madan, Sushila, Information Technology, Taxman Allied Services, New Delhi.
- P.T. Joseph, S.J., E- Commerce : An Indian Perspective, PHI Learning , New Delhi.
- Lipschultz, M.M. and S. Lipschultz , Theory and Problems of Data Processing, Schaum's Outline Series, McGraw Hill, New York.
- David Whiteley, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill, New Delhi.

M.A. 1st Semester
Paper-105 (Option – VII)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

MATHEMATICAL ECONOMICS-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: This course is designed to equip students to understand the economic concepts and theories which use mathematical tools and techniques to refine the verbal logic. The use of calculus has permitted formulation of economic problems in multivariable mode and yield valuable insight about optimizing human behaviour. Modern algebraic tools allow convenient handling of simultaneous equations in the context of linear programming, game theory and input-output analysis. Mathematical economics deals with various applications of mathematical tools and techniques in defining and developing economic relationships. This part of the course has been accordingly designed to include various mathematical techniques/methods/models related to the different parts of economic theory like consumer theory, theory of production and pricing.

Unit- I

Types of utility functions; Ordinal utility maximization; Demand functions- ordinary and compensated; Slutsky equation- income, substitution, and price effects; Consumer surplus; Elasticity of demand; Linear expenditure systems; Indirect utility function.

Unit - II

Production functions and their properties (CD, CES, Translog); Elasticity of factor substitution and curvature of iso-quants; Producers equilibrium; Duality in cost and production functions; Growth Accounting Equation; Methods for measuring productivity and efficiency.

Unit- III

Product and factor market equilibrium; Existence, uniqueness and stability of equilibrium; Static stability, dynamic stability-lagged adjustment, dynamic stability-continuous adjustment; Dynamic equilibrium with lagged adjustment; monopoly, monopsony and monopolistic competition.

Unit -IV

Duopoly, oligopoly and bi-lateral monopoly; Cournot, Stackleberg's models; Joint profit maximization; Price leadership model; Baumol, Willamsons, Marris models of firm;

Basic Reading List

- Henderson, J. M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
- Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
- Allen, R.G.D. (1976), Mathematical Economics, Macmillan, London.
- Arrow, K. J. and M. Intrilligator (Eds.)(1982), Handbook of Mathematical Economics, Volumes I, II and III, North Holland, Amsterdam.

Additional Reading List

- Chung, J.W. (1993), Utility and Production: Theory and Applications, Basil Blackwell, London.
- Ferguson, C.E. (1976), New-classical Theory of Production and Distribution.
- Allen R.G.D. (1974), Mathematical Analysis for Economists, Macmillan Press and ELBS, London.
- Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
- Jha, R. (1991), Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd., New Delhi.
- Jones, H.G. (1976), An Introduction to the Modern Theory of Economic Growth, McGraw Hill-Kogakusha, Tokyo.
- Handley, G. (1962), Linear Programming, Addison Wesley Publishing Co., Massachusetts.
- Hiller, F.S. and G.J. Lieberman (1985), Operations Research, C.B.S., New Delhi.
- Kothari, C.R. (1992), An Introduction to Operations Research, Vikas Publishing House, New Delhi.
- Mustafi, C. K. (1992), Operations Research: Methods and Practice, Wiley Eastern, New Delhi.

Kurukshetra University, Kurukshetra
M. A. Economics
w.e.f. 2016-2017
Course Structure

SEMESTER-II

PAPER CODE	NOMENCLATURE	EXT.	INT.	TIME	CREDITS		
CORE PAPERS					L	T	P
Paper-201	Micro Economic Analysis-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-202	Macro Economic Analysis-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-203	Statistics for Economists	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-204	Public Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
ELECTIVE PAPERS							
Paper-205 Option (i)	Financial Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (ii)	Demography-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (iii)	Economics of Infrastructure-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (iv)	Economics of Insurance-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (v)	Economics of Labour-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (vi)	Computer Applications in Economic Analysis-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-205 Option (vii)	Mathematical Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
OESS-02	Candidate is required to take one Option Elective, other than Economics, from the Common Lists of Papers of Social Sciences (Syllabus enclosed in the end)	50	--	2 Hrs.	2	½ Hrs./G	-
Total		500+50			20+2		

Note: Students are required to select any one option from Paper-205. The students will select the same optional stream as in Semester I.

M.A. 2nd Semester
Paper-201 (Compulsory)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

MICRO ECONOMIC ANALYSIS-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: This paper analyses the economic behaviour of firms with more realistic assumptions deviating from the marginalist approach used in the first semester. It is mainly concerned with the objective of equipping the students in a rigorous and comprehensive manner with the various aspects of behavior of the firm. It also bridges the theoretical gap between Micro And Macro Economics by moving the analysis from firm equilibrium to single-market market equilibrium and then to multi-market equilibrium. The paper also deals with the micro and macro theories of distribution, welfare economics, general equilibrium and analysis of economic behavior under uncertainty.

Unit-I

Critical evaluation of marginal analysis; Average cost pricing model; Bain's limit pricing theory; Baumal's sales revenue maximization model(all four static models); Marris model of managerial enterprise; Williamson's model of managerial discretion.

Unit-II

Pricing of factors of production (perfect and imperfect market); Elasticity of technical substitution and factor shares, technical progress and factor shares. Macro theories of distribution – Ricardo, Marx, Kalecki and Kaldor.

Unit-III

The Walrasian approach to general equilibrium; Existence, stability and uniqueness of the partial equilibrium; Maximization of social welfare; Market failure: Externalities, Public goods and asymmetric information.

Unit-IV

Inter-temporal choice in consumption; Economics of Uncertainty - Decision rules under uncertainty; Individual behaviour towards risk, gambling and insurance decisions. Economics of information – search costs, market signaling.

Basic Reading List

- Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
- Salvatore D(2006), Microeconomics-Theory and Applications, Oxford University Press
- Varian, H. (2003), Intermediate Microeconomics, East-West Press.
- Varian, H. (2000), Microeconomic Analysis, W.W. Norton, New York.

Additional Reading List

- Archibald, G.C. (Ed.) (1971), Theory of the Firm, Penguin, Harmondsworth.
- Baumol, W.J. (1982), Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
- Borch, K.H. (1968), The Economics of Uncertainty, Princeton University Press, Princeton.
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- Diamond and Rothschild (Eds.) (1978), Uncertainty in Economics, Academic Press New York.
- Goodwin, Nelson,Ackerman and WeissKopf(2009), Micro Economics in context, PHI Learning Private Limited.
- Graff, J. De. V. (1957), Theoretical Welfare Economics, Cambridge University Press, Cambridge.
- Gravelle,H.and Rees,R.(2008), Micro Economics, Dorling Kindersley.
- Gupta K.R.(2009), Advanced MicroEconomics, Atlantic Publishers and Distributors LTD
- Hirshleifer, J. and A. Glazer (1997), Price Theory and Applications, Prentice Hall of India, New Delhi.
- Jehle Geoffrey A.and Reny Philip J (2008), Advanced Micro Economic Theory, Dorling Kindersley (India)
- Lipsey and Chrystal(2014), Economics, Oxford University Press
- Mankiw(2006),Principles of Microeconomics,Cengage Learning
- Mansfield Edwin, Applied MicroEconomics, W.W.Norton ,New York London.
- Quirk, J. and R. Saposnik (1968), Introduction to General Equilibrium Theory and Welfare Economics, McGraw Hill, New York.
- Sen, A. (1999), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
- Sen,A.(2007), Micro Economics: Theory and applications. Oxford University Press.

M.A. 2nd Semester
Paper-202 (Compulsory)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

MACRO ECONOMIC ANALYSIS-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Macroeconomics Analysis in its second part focuses on open macro economics taking the impact of international trade and foreign investment on domestic economy. It further extends the analysis from static to dynamic by incorporating inflation and business cycles. Finally we study, how the Macro economic policies may be formulated to have desired growth path.

Unit-I

Open Macro Economics

International flow of capital and goods; saving and investment in a small open economy; Exchange Rates-real and nominal; Demand and supply of Foreign Exchange; Balance of payments-current and capital account; Mundell-Fleming Model under fixed and flexible exchange rates.

Unit-II

Theory of Inflation

Classical, Keynesian and Monetarist approaches; Structuralist theory of inflation; Philips curve analysis – Short run and long run Philips curve; Natural Rate of Unemployment hypothesis; Tobin's modified Philips curve. Search Theory – DMP (Diamond, Mortenson, Pissarides) Model.

Unit-III

Theory of Business Cycles

Business Cycle Theories of Schumpeter, Kaldor, Samuelson and Hicks; Control of business cycles – relative efficacy of monetary and fiscal policies.

Unit-IV

Macro Economic Policy

Monetary and Fiscal Policy- Targets and instruments; Conflicting objectives and coordination of objectives; Elasticities and effectiveness of monetary and fiscal policy. The Great Depression; Lags in the effects of policies; Expectations and Reactions; Uncertainty and Economic Policy; Economic Policy - Rules vs Discretion .

Recent Developments

The Concept of Rational Expectations; New Classical Macro Economics – basic approach and policy implications; New Keynesian Economics - Sticky Nominal prices (Mankiw Model).

Basic Reading List

- Ackley, G. (1978), Macroeconomics: Theory and Policy, Macmillan, New York.
- Blackhouse, R. and A. Salansi (Eds.) (2000), Macroeconomics and the Real World (2 Vols.), Oxford University Press, London.
- Branson, W.A. (1989), Macroeconomic Theory and Policy, (3rd Edition), Harper and Row, New York.
- Dornbusch, R. and F. Stanley (1999), Macroeconomics, Irwrin McGraw Hill, Inc. New York, 7th Edition.
- Heijdra, B.J. and V.P. Fredericck (2001), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi.
- Jha, R. (1991), Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd., New Delhi.
- Romer, D.L. (1996), Advanced Macroeconomics, McGraw Hill Company Ltd., New York.
- Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.

Additional Reading List

- Mankiw, N.G. and D. Romer (Eds.) (1991), New Keynesian Economics, (2Vols.), MIT Press, Cambridge.
- Mankiw, N. Greogory (2000), Macroeconomics Macmillan Worth Publishers 4th Edition
- Frisch, H. (1983), Theories of Inflation, Cambridge University Press, Cambridge.
- Sheffirin, S.M. (1996), Rational Expectations, Cambridge University Press, Cambridge.
- Lucas, R. (1981), Studies in Business Cycle Theory, MIT Press, Cambridge, Masscechusetts.
- Taylor, L. (1983), Structuralist Macroeconomics, Basic Books, New Longman.
- Turnovsky, S.J. (1977), Macroeconomic Analysis and Stabilization Policy, Cambridge University Press, Cambridge.
- Ruggles R. and N. Ruggles (1956), National Income Accounts and Income Analysis Mc Graw Hill, Newyork.
- Veniers, Y.P. and F.D.Sebold, (1977) Macroeconomics; Models and Policy
  John Wiley and Inc, USA.

M.A. 2nd Semester
Paper-203 (Compulsory)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

STATISTICS FOR ECONOMISTS

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The main objective of this paper is to train the students to use the techniques of statistical analysis, which are commonly applied to understand and analyze economic research problems. The scope of the statistical procedures has been limited to use of index numbers, time-series analysis, probability distributions for hypothesis testing. Although the students will be introduced with all types of basic data analysis techniques but main focus will be on univariate and bi-variate analysis.

Unit - I

Index numbers: uses and types, tests for consistency, Base shifting, splicing and deflating of index numbers. Time series analysis: introduction and components, method of simple averages, moving averages and ratio to moving averages.

Unit - II

Basic concepts and definitions of probability; Laws of addition and multiplication; Conditional probability; Bayes theorem (statement); Binomial, Poisson and Normal distribution; Basic concepts of sampling- random and non-random sampling.

Unit - III

Types of data and statistical analysis procedures: Univariate, Bivariate and Multivariate (only overview); Hypothesis Testing procedures based on Z, t, x^2 and F-test and one-way ANOVA.

Unit - IV

Correlation: Karl Pearson and Spearman's Rank, Meaning and assumptions of simple regression analysis; Single linear equation regression model (by OLS Method), Concept of an estimator and its desirable properties; Coefficient of determination. Estimation of simple and exponential growth rates.

Basic Reading List

- Vohra, N. D. Quantitative Techniques in Management, Tata McGraw Hill, New Delhi.
- Speigal, M. R. Theory and Prodblems of Statistics, McGraw Hill Book, London
- Croxton, F. E., D. Cowden and S. Kliein, Applied General Statistics, Prentice Hall, New Delhi.
- Gupta S.C. and V.K. Kapoor, Fundamentals of Applied Statistics, S. Chand and Sons New Delhi.
- Yates, Frank, Sampling Methods for Census and Surveys, Charles, Griffin Co., London.
- Cocharm, W. G., Sampling Techniques, John Willey, New York.
- Hansen, hurditz and meadow, Sample Survey Methods and Theory, John Willey New York.
- Gupta S. C. Fundamentals of statistics, Himalaya Publishing house, New Dehlhi.
- Gupta S.P. and Gupta M. P. Business statistics, Sultan chand and sons, New Delhi.
- Kamenta J. Elements of Econometrics, Machmillan Publishing Co., Inc. New York.

M.A. 1st Semester
Paper-204 (Compulsory)
Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

PUBLIC ECONOMICS –II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: This part of the Public Economics course focuses on Public Choice, international issues, Social cost benefit analysis, public debt and fiscal federalism. The existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner which combines individual freedom and justice. This paper combines a thorough understanding of fiscal institutions with a careful analysis of the issues.

Unit – I

Public Choice – Rational Voter Hypothesis; Characteristics of Majority Voting Rule; Buchanan and Tullock Model, Bowen-Black Model; Arrow's Impossibility Theorem; Downs Model on Demand and Supply of Government Policy; Models of Bureaucratic Behaviour- Niskanen, Tullock, Breton-Brennan- Buchanan, Dunleavey's Bureau Shaping Model; Voting and the Leviathan Hypothesis

Unit – II

International Issues in Public Economics- Global Public Goods; Taxation of International Trade; Trade Taxes and Public Choice; Harmonization of Indirect Taxes; Public Enterprises –Pricing Policy of Public Enterprises; Theory of Second Best; Capacity Constraints and Peak Load Problem; Social Cost Benefit Analysis- Measuring Economic Benefits and Costs, Determining Shadow Prices, Decision Criteria, Problem of Risk and Uncertainty.

Unit – III

Public Debt – Objectives and Sources of Public Debt; Classification and Effects of Public Debt; Burden Controversy of Public Debt – Classical Theory, Modern Theory, Buchanan Thesis,

Secondary Burden of Public Debt; Public Debt and Inflation; Public Debt Management and Redemption of Public Debt.

Unit – IV

Fiscal Federalism – The Decentralisation theorem; Optimum Size of Local Community; Assignment of Functions Among Levels of Government; Tiebout Model; Theory of Intergovernmental Grants; A Public Choice Critique of Intergovernmental Grants; Redistributive Impact of the Budget

Base Text Book

Boadway, Robin, "Public Sector Economics", Cambridge, Winthrop Publishers

Basic Reading List

- Bruce, Neil, "Public Finance", Addison- Wesley Educational Publishers, Inc.
- Jones. Philip and Cullis, Jones, "Public Finance and Public Choice- Analytical Perspectives", Oxford University press
- Stiglitz, Joseph, "Economics of the Public Sector", W.W.Norton and Company, new York/London
- Rosen, H.S., "Public finance", Tata McGraw Hill
- McNutt, P.A., "The economics of Public Choice", Edward Elgar Publishing Inc.
- Mueller, D.C., "Public Choice- I,II,III" Cambridge university Press, Cambridge
- Downs, A., "An Economic Theory of Democracy", Harper and Row, New York
- Musgrave R.A and Peacock A.T., " Classics in the Theory of Public Finance", Mcmillan

M.A. 2nd Semester
Paper-205 (Option – I)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

FINANCIAL ECONOMICS-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: In this part of financial economics course we mainly focus on investment and portfolio management. This course builds the necessary foundation required to understand investment decisions across various asset classes. It will help them to understand the most important aspects of stock market, mutual funds, debt and money markets. It will also form the basis for investment banking and insurance sectors. The theories and their practical applications provided in this paper will enable the students to work in financial markets confidently.

Unit-I

The investment environment and asset Classes; Risk- Return Analysis; Risk Aversion and Capital Allocation to Risky Assets; Bond Prices and Yields; Term Structure of interest Rates, Managing Bond Portfolio; Equity valuation Models.

Unit-II

Portfolio Analysis; Markowitz Model, Sharpe Index Model, Capital asset pricing Model, Arbitrage Pricing Theory; Fundamental and Technical Security Analysis; Efficient market Theory.

Unit-III

Introduction to Option markets; Option Valuation- Binomial Option pricing, Black – Scholes Option Pricing Model; Options Hedging strategies – Delta, Gamma, Theta, Vega and Rho; Futures Markets Trading and valuation

Unit-IV

Economics of Mutual Funds- Sharpe, Treynor and Jensen Performance Index.

Economics of Multinational Finance: The Multinational financial system; Current Assets and Capital Budgeting Decisions in MNCs; Designing a Global Financing strategy.

Reading List

- Bodurtha, J. and Courtadon G., **The Pricing of Foreign Currency Options**, New York, Salomon Brothers Center, New York University, 1987-4/5.
- Bolten, Steven E., **"Security Analysis and Portfolio Management: An Analytical Approach to Investments",** N.Y.Holt, Rinehert and Winston, 1972
- Bowyer, John, W., **"Investment Analysis and Management",** Illinois, Irwin, 1972
- Carr, J.L., **"Investment Economics",** Sage Pub., California, 1969
- Chance D.M., "An Introduction to Options and Futures", Dryden press, Orlando,FL,1989
- Chance, D., "**An Introduction to Derivatives"**, New York, Dryden, 1998.
- Cox, J. and M. Rubinstein, "**Options Markets"**, Englewood Cliffs, N.J., Prentice-Hall, 1985,ISBN0136382053.
- Curley, Anthony J. and Bear Robert M., **"Investment Analysis and management",** N.Y., Harper & Row, 1979
- David G. Luenberger, **"Investment Science",** Oxford University Press,1997. ISBN10: 0195108094
- David King, **"Financial Claims and Derivatives",** Thomson Learning, 1998. ISBN10: 186152448X
- Fama, E.F. and Miller, M.H., **"Theory of Finance",** N.y.Holt, Rinehert and Winston, 1972
- Figlewski, S., W. Silber and M. Subrahmanyam, "**Financial Options, : From Theory to Practice"**, Homewood, Illinois, Business One Irwin, 1990, ISBN 1556232349. Frank Milne, **"Finance Theory and Asset Pricing",** Oxford University Press, 2003. ISBN10: 0199261075
- Hull, J., "**Options, Futures and Other Derivative Securities"**, Upper Saddle River, N.J., Prentice Hall, 6th edition,2006, ISBN 013149908-4,
- Jarrow, R.A. and A. Rudd, "**Option Pricing"**, Homewood, Illinois, Dow Jones-Irwin, 1983, ISBN 0870943782.
- Jarrow, R.A. and S. Turnbull, "**Derivative Securities"**, Cincinnati, Ohio, South-Western, 1996.
- McDonald, R., "**Derivatives Markets"**, Boston, MA, Addison-Wesley Publishing, 2002, ISBN: 0201729601
- Robert W. Kolb, **"Financial Derivatives",** Blackwell Publishing, 1996. ISBN10: 1557869308
- Robert W. Kolb, James Overdahl, **"Understanding Futures Markets",** Blackwell Publishing, 2006. ISBN10: 1405134038

M.A. 2nd Semester
Paper-205 (Option – II)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

DEMOGRAPHY – II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The main objective of this paper is a sequel to Paper 105 (ii) namely Demography – I as taught in semester I of the course. As stated earlier is to make the students aware of the importance of population in economic development and the various aspects of growth of population in a country. The focus of this paper is to understand the demographic profile of India along with the related issues of migration & urbanization human development issues the evolution of population policy in India.

Unit -I

Demographic database in India: Study of Census in India-Methodology and characteristics; Nature of information collected in India with emphasis on 2011 Census ; National Family Health survey 1,2 and 3; Rapid Household Survey; Changing characteristics of population in India; Occupational Structure of Indian Population.

Unit -II

Migration and Urbanization: Basic concept and definitions; importance of migration, Types of migration; factor affecting migration. Theories of migration related to internal migration; Urbanization-Growth and distribution of rural-urban population in developed and developing countries with special reference to India.

Unit –III

Population and Development with reference to India: Population, economy and environment linkage; Population, health, nutrition productivity nexus; population and human development issues; Demography and household economic behavior.

Unit -IV

Evolution of Population Policy in India: The shift in policy from population control to family welfare, to women empowerment; Family planning strategies and their outcomes; Reproductive health, maternal nutrition and child health policies; Population and strategies for human development of different social groups; Social impact of new reproductive technologies and their regulation; The population policy; Tasks before the National Population Commission.

Basic Reading List

- Agarwal S.N. (1972), India,s Population Problem, Tata McGraw- Hill Co., Bomby.
- Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi.
- Bogue, D.J. (1971), Principle of Demography, John Wiley, New York.
- Chenery H. and T.N. Srinivasan (Eds.)(1989), Hand Book of Development Economics, Vol. 1 & 2 Elsevier, Amsterdam.
- Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.
- Coals, A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low income Countries: A Case Study of India's Prospectus, Princeton University Press, Princeton.
- Gulati, S.C (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.

Additional Reading List

- Agnihotri, S. B. (2000), Sex ration in Indian Population: A fresh Exploration, Sage New Delhi.
- Amsden, A. H. (Ed.) (1992), Form of Production and Women's Labour, Gender Aspects of Industrialization in India and Mexico, Sage, New Delhi.
- Boserup,E. (1970), women's role in Economics Development, George Allen and Unwin, London.
- Chiang, C.L. (1974), Life Tables and Mortailty Analysis, W.H.O., Geneva.
- Gupta, Jj.A. (2000), New Reproductive Technogies, Women's Health and Autonomy, Indo Dutch Studies on Development Alternatives, Sage, New Delhi.
- Jhabwala,R. and R.K. Subramanya (2000) (Eds.), The Unorganized Sector: Work Security and Social Protection, sage, New Delhi.
- Krshnaji M., R.M. Sudarshan and A. Shariff (1999), Gender Population and development, Oxford University Press, New Delhi.
- King M. and M.A. Hill (Eds.)(1993), Women's Education in Developing Countries: Barriers, Benefits and Politics, John Hopkins, Baltimore.
- Lewis (Ed.)(1989), Strengthening the poor: What Have We Learnt, OECD, Paris.
- Mishra S. (2000), Voluntary Action in Health and Population: The Dynamics of Social Transition, Sage, New Delhi.
- Mitra, A. (1979), Implications of Declining Sex Ration in India's Population, Allied, New Delhi.
- Novell, C. (1988), Methods and Models in Demography, Belhaven Press, London.
- Seth M. (2000), Women and Development: The Indian Experience, Sage, and 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.
- Srinivasan, K and A. Shariff (1998), India: Towards Population and Demographic Goals, Oxford University Press, New Delhi.

- Sryrock, H. et.al. (1973), The Methods and Materials of Demography, US Department of Commerce,Washington,D.C.
- Sudarshan and A. Shariff (1999), Gender Population and Development, Oxford University Press, New Delhi.
- United Nations (1973), The determinants and consequences of Population Trends, Vol. 1 UNO Publications, New York.

M.A. 2nd Semester
Paper-205 (Option-III)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF INFRASTRUCTURE-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Infrastructure development- its rationale, importance and financing is essential in a developing country. In this part of the course, the students will be introduced with problems associated with development of infrastructure for water supply & management, energy, telecom and social infrastructure including health & education.

Unit - I

Water supply: Water utilities, urban and rural water supply; Telecommunication: Telecom reforms in India with a critique of national telecom policy; Relationship between TRAI, Department of telecom, and public and private operators; Role of telecom infrastructure in meeting needs of the economy and the IT sector.

Unit - II

Energy demand: short run and long run price and income elasticities; Energy supply and the economics of depletable resources; World oil markets and energy security; Natural gas price and regulation, deregulation and markets; Current Electricity Policies, and programmes.

Unit - III

Risk management, futures markets and derivatives; Energy and climate change; Internalizing environmental externalities with a focus on CO_2 emissions-cap and trade Mechanisms; Analysis of energy sources: Coal , nuclear power; Energy efficiency policies and programmes; Renewable energy policies and programmes; Trading in energy markets.

Unit - IV

Health and economic development; Determinants of Health – poverty, malnutrition, illiteracy and lack of information; Economic dimensions of health care – Demand and supply of health care; Financing of health care and resource constraints; Inequalities in health – class and gender perspectives; Institutional issues in health care delivery; Development of health infrastructure in Indian plans.

Basic Reading List

- O' Sullivan, A. (2003) : Urban economics, Boston, MA, Irwin McGraw-Hill
- Timothy J. B. et al (1987) :Saturn and state economic development, forum for applied research and public policy, 2 (1), 29- 40
- Glaeser, Edward L.(1998) Are cities dying? Journal of economic perspectives, 12(1), 139-160.
- Ellen, I. G. and Schwartz, A. E**.** (2000)**:** No easy answers: cautionary notes for competitive cities, The Brookings, review, 18(3), 43–45
- McLean, M. L., and Voytek K.P. (1992) :Understanding your economy, using analysis to guide local strategic planning, 2nd ed, Chicago, Planners Press
- Mieszkowski, P., and Mills, E.S. (1993): The causes of metropolitan suburbanization, Journal of economic perspectives, 7(1), 135-147.
- Kenneth A. S. (1993) Urban traffic congestion, a new approach to the gordian knot, the Brookings review, 11(2), 6-11.
- Peter G. and Richardson H. (1989): Notes from the underground: the failure of urban mass transit, The public interest, 94, 77-86
- Timothy J. B. (1994): Jobs, productivity, and local economic development: what implications does economic research have for the role of government? national tax Journal , 47(4), 847- 862.
- Andrew C. K. (1993) :Why regions grow: a review of research on the economic base model, Federal Reserve Bank of Atlanta economic review, 16-29.
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- Peiser R.B. (1989): Density and urban sprawl, Land economics , 65(3), 193-204.
- Coulson, N.E. (1991): Really useful tests of the monocentric model land economics, Land economics, 67(3), 299-307.
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- Sivaramakrishnan, K.C., Kundu A. and Singh B.N. (2005): Handbook of urbanization in India. New Delhi: Oxford University Press
- Naik N.T.K and Mansoor S. R. (2007): Urbanisation of India. New Delhi, Eastern Book Corporation.
- Jose G.-I., Tye W.B., Winston C. (1999): Essays in transportation economics and policy, a handbook in honor of John R. Meyer, Washington D.C, The Brookings Institution Press
- Button K.J.(1993) :Transport Economics, UK, Edward Elgar

- Singh S. K. (2000): Technical characteristics and efficiency of the Indian state road transport undertakings?, Indian journal of transport management, 24(8): 533-543.
- Singh S. K. (2005): Review of urban transportation in India? Journal of public transportation, 8(1): 79-97
- Button, K.J. and Pearman A. (1985) : Applied transport economics: a practical case study approach, London, Gordon and Breach
- Button K.J. (1976) :The use of economics in urban travel demand modeling, a survey, socioeconomic planning sciences, 10(2) : 57- Crew M.A. and Kleindorfer P.R. (1979) : Public utility economics, London, Macmillan
- Mody A.(1997): Infrastructure strategies in east Asia**,** the untold story, Washington, D.C: economic development institute, world bank
- Goodman J.B. and Loveman G.W. (1991): Does privatization serve the public interest, Harvard business review, 69(6): 26-38
- Sherman R. (1983): is public utility regulation beyond hope? in A.L.Danielsen and D.R.Kamarschen (ed.), current issues in public utility economics, Lexington, MA.
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- Chaudhuri M.D. (1990): Market failure and government failure, Journal of Economic Perspectives, 4(3), 25-39
- National Council of Applied Economic Research (1996): India infrastructure report: policy implications for growth and welfare, New Delhi , NCAER
- Navarro, P. (1996): Electric utilities, the argument for radical deregulation**,** Harvardbusiness review, 73(1): 112-25
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- Athreya M.B. (1996): India's telecommunication policy, telecommunication policy, 20(1): 11-22
- Sinha N. (1996): The political economy of India's telecom reforms, telecommunication policy, 20(1) : 23-38
- Anandalingam G. (1996) :Technological progress, industry dynamics and telecommunications policy: the need for further reforms in India, working paper No.83, IIM, Bangalore,.
- Smith P.L. and Staple G (1994): Telecommunication sector reforms in Asia: towards a new paradigm, World Bank discussion paper 232, World Bank,Washington D.C.
- Relevant websites of different ministries of the Government of India, summary of consultants reports in UP, Haryana, and Karnataka electricity board restructuring
- Smil, V. (2000): Energy in the twentieth century, resources conversions, costs, uses and consequences annual review of energy and the Environment 25: 21-51.
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- Slade, M., C. Kolstad, and R. Weiner.(1993): Buying energy and nonfuel minerals ch 20 in handbook of natural resource and energy economics. Vol. 3.edited by A. Kneese and J. Sweeney. San Diego, CA, Elsevier Science Publishers
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- Pizer, M. (2006): The evolution of a global climate change agreement, American economics association papers and proceedings 96, no. 2: 26-30.
- Nordhaus, W. (2006): After Kyoto alternative mechanisms to control global warming American economics association papers and proceedings 96, no. 2: 31-34.
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M.A. 2nd Semester
Paper-205 (Option-IV)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF INSURANCE-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: In this part of the course is that the students should learn wealth accumulation planning and retirement planning. Besides this they will also understand the role of insurance in development process along with problems of regulation of this sector.

Unit – I

Wealth accumulation planning; Life cycle planning; Planning for accumulation; Micro-insurance products. Weather insurance in Agriculture, Livelihood Risk Management using Crop Insurance; Index Based Insurance; valuation of insurance products.

Unit - II

Essentials of individual retirement planning; Analysis of retirement; Income needs; Retirement planning strategies; Investing for retirement, pension plans; Basic principles of pension plans; Pension plans in India; Estate planning - process and tools; Life insurance for estate liquidity.

Unit - III

Role of risk-management and insurance in economic development; Insurance institutions as financial intermediaries and investment institutions; Insurance institutions in Indian capital market.

Unit IV

Regulation of insurance; Purpose of government intervention in markets; Theories of regulation; Insurance regulation in India; Insurance regulation & Development Authority; Set up and management of insurance companies; Marketing of general insurance; Regulation of investments by insurance institutions in India; scope and limitation of Indian Agriculture Insurance.

Basic Reading List

- Black. K. Jr. and H.D. Skipper Jr.(2000), Life & Health Insurance, Prentice Hall, Upper Saddle River, New Jerssey.
- Dionne, G. and S.E. Harrington (eds.) (1997), Foundations of Insurance Economics, Kluwer academic Publishers, Boston.
- Pteffer, I. And D.R. Klock (1974), Perspectives on Insurance, Prentice Hall Inc., Engleword Cliffs.
- Williams Jr., C.A. M.L. Smith and P.C.Young (1995), Risk Management and Insurance, McGraw Hill, New York.
- Skipper Jr., H.D.(ed.) (1998), International Risk & Insurance : An Environmental Managerial Approach, Irwin McGraw Hill, Boston.
- United Nations Conference on Trade and Development (1987), The Promotion of Risk Management in Developing Countries, UNCTAD, Geneva.
- Insurance Institute of India, Life Assurance Underwriting, (IC-22), Mumbai.
- Insurance Institute of India, General Insurance Underwriting, (IC-22), Mumbai.
- Government of India (1998), Old Age and Income Security (OASIS) Report (Dave Committee Report), New Delhi.
- Ivers, J.I. III and E.T. Johnson (eds) (1991), Readings in Wealth Accumulation Planning, The American College, Bryn Mawr, Pa.
- Insurance Regulation and Development Authority (2001), IRDA Regulations, New Delhi.
- Meier. K.J. (1998), The Political Economy of Regulation : The Case of Insurance, The State University of New York Press, Albany, N.Y.

M.A. 2nd Semester
Paper-205(Option-V)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF LABOUR-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: This Paper exposes students more empirical issues relating to the labour compensation & remuneration. They will also learn the theories of labour movements and collective bargaining. The special problems of child labour and gender discrimination have also been dealt in this paper.

Unit -I

Non-wage component of labour remuneration; inflation-wage relationship at micro and macro levels; Productivity and wage relationship; National wage policy; Wages and Wage Boards in India; Bonus system and profit sharing.

Unit -II

Theories of labour movement – Growth, pattern and structure of labour unions in India; Achievements of labour unions; Causes of industrial disputes and their settlement and prevention mechanism; social security and labour welfare in India.

Unit -III

Role of tripartism; Current trends in collective bargaining; Role of judicial activism; Labour legislation in India with special reference to the Trade Union Act 1923, Industrial Disputes Act 1947 and Factories Act 1948.

Unit -IV

Special problems of labour; Child labour, female labour, discrimination and gender bias in treatment of labour; Labour market reforms – Exit policy, need for safety nets, measures imparting flexibility in labour markets; Second National Commission of Labour; Globalization and labour markets.

Basic Reading List

- Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publisher, New Delhi.
- Lester, R.A. (1964), Economics of Labour, (2nd Edition), Macmillan, New York.
- McConnell, C.R. and S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York.
- Papola, T.S., P.P. Ghosh and A.N. Sharma (Eds.) (1993), Labour, employment and industrial Relations in India, B.R. Publishing Corporation, New Delhi.
- Venkata Ratnam, C.S. (2001), Globalization and Labour-Management Relations: Dynamics of Change, Sage Publications/Response Books, New Delhi.

Additional Reading List

- McCormickm B. and Smith (Eds.)(1968), The Labour Market, Penguin, Harmondsworth.
- Das, N. (1960), Unemployment, Full Employment and India, Asia Publishing House, Bombay.
- Deshpande L.K. and J.C. Sandesara, (Eds.)(1970), Wage Policy and Wages Determination in India, Bombay University Press, Bombay.
- Hicks J.R. (1932), The Theory of Wages, Clarendon Press, Oxford.
- Mazumdar, D. (1989), Micro-economic Issues of Labour Markets in Developing Countries, EDI Services Paper No. 40, World Bank, Washington D.C.
- Memoria, C.B. (1966), Labour Problems and Social Welfare in India, Kitab Mahal, Allahbad.
- Punekar, S.D. (1978), Labour Welfare, Trade Unionism and Industrial Relations, Himalaya Publishing House, Bombay
- Singh V.B. (Ed.) (1970), Industrial Labour in India, Popular Parakashan, Bombay.
- Misra, L. (2000), Child Labour in India, Oxford University Press, New Delhi.
- Riveros, L. (1990), Labour Market Policies and Labour Market Reforms in Socialist Economies, World Bank, Washington D.C.

M.A. 2nd Semester
Paper-205 (Option-VI)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

COMPUTER APPLICATIONS IN ECONOMIC ANALYSIS-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The present paper is a skill based one and aims that students will learn to use statistical packages and software for data analysis, project planning and risk management. The paper also aims that the students shall be able to understand impact of information technology on economy. They will also be introduced to information management systems.

Unit - I

Statistical Processing Techniques and Methods: Summarizing and analysis of data, Descriptive Statistics; Calculation of Mean, Correlation and Regressing analysis, Estimation of Growth Rates, Trends Forecasting; Construction of Index numbers; Moving Averages.

Unit – II

IT Application to Commerce: E-Commerce: Meaning, basis and scope, E-Commerce, E-Business and E- Transaction; E-Commerce Vs. Traditional Commerce; Basis of E-Commerce; Business Models of E-Commerce; Electronic Transactions- Security, Digital Signature, Digital Certificate; Encryption; Electronic Payment System - Debit Cards, Credit Cards, Smart Cards, Electronic Funds Transfer, ATM.

Unit – III

Project Appraisal & Selection: Estimation of present values; Decision making with benefit Cost, APR, NPV, IRR, Payback Period. Risk analysis – Scenario development; Hillier Model; Monte – Carlo Simulation; Profitability Projection, Break -even analysis; Decision Tree Analysis.

Unit – IV

Information System for a business organization; Information flow and requirements; information system design approaches; Decision Support Systems; Data mining and analytics.

Basic Reading List

- David Whiteley, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill, New Delhi.
- Goel, Sushil, Computer Application to Business & E-Commerce, Natraj Publishing House, Karanl.
- Lipschultz, M.M. and S. Lipschultz , Theory and Problems of Data Processing, Schum's Outline Series, McGraw Hill, New York.
- Madan, Sushila, Information Technology, Taxman Allied Services, New Delhi.
- P.T. Joseph, S.J. , E- Commerce : An Indian Perspective, PHI Learning , New Delhi.
- Parameswaranm R. Computer Applications in Business, S. Chand and Company, New Delhi.
- Rajaraman, V. Fundamentals of Computers, Prentice Hall of India, New Delhi.
- Sinha, P.K. , Computer Fundamental, BPB Publications, New Delhi.
- Sudalaimuthu, S. and Anthony Raj S, Computer Applications in Business, Himalaya Publishing House, New Delhi.

M.A. 2nd Semester
Paper-205(Option-VII)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

MATHEMATICAL ECONOMICS-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The students shall learn the use of mathematical techniques in pricing of factors and their distribution. Some applications to welfare economics and economics of uncertainty have also been included. The paper also covers important aspects of macroeconomics and development theory including trade cycles and growth models.

Unit - I

Pricing of factors of production; Product exhaustion theorems. Multi-market equilibrium- pure exchange; production and exchange; The numeraire and money; existence, stability and uniqueness of general equilibrium.

Unit -II

Pareto Optimality; The efficiency of perfect and imperfect competition; The external effects in consumption and production; Social welfare functions- The Arrow impossibility theorem; The Theory of Second Best.

Unit - III

Problem of choice in situations of uncertainty and risk; production under uncertainty; futures market and hedging; multi-period consumption; time value of money and project selection criterion. Risk – return trade off.

Unit – IV

Input-output model; National Income models (open & closed); Expected Inflation Augmented Phillips relation; Multiplier-Accelration interaction model; Growth models –Domar, Harrod, John Robinson's Golden Age Model, Duesenberry's Optimum Growth Model, Solow, Kaldor.

Basic Reading List

- Baldani, Bradfield and Turner (2007), An Introduction to Mathematical Economics, South-Western, Cengage Learning, New Delhi.
- Henderson, J. M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
- Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
- Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
- Varian, H. (2000), Microeconomic Analysis, W.W. Norton, New York.
- Allen, R.G.D. (1976), Mathematical Economics, Macmillan, London.
- Arrow, K. J. and M. Intrilligator (Eds.)(1982), Handbook of Mathematical Economics, Volumes I, II and III, North Holland, Amsterdam.
- Chiang & Wainright, Fundamental Methods Mathematical Economics, 4th ed, McGrawHill, Singapore, 2005.
- Dernburg, and Dernburg, Macroeconomics; A Mathematical approach McGraw Hill International Book Company.
- Henderson, J. M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.

Additional Reading List

- Allen R.G.D. (1974), mathematical Analysis for Economists, Macmillan Press and ELBS, London.
- Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics, Mc Graw Hill, New York.
- Jha, R. (1991), Contemporary Macroeconomics Theory and Policy, Willey Eastern Ltd., New Delhi.
- Jones, H.g. (1976), An Introduction to the Modern Theory of Economics Growth, McGraw Hill-Kogakusha, Tokyo.
- Handley, G. (1962, Linear programming, Addison Wesley Publishing Co., Massachusetts.
- Hiller, F.S. and G.J. Lieberman (1985), Operations Research, C.B.S., New Delhi.
- Kothari, C.R. (1992), An Introduction to Operations Research, Vikas Publishing House, New Delhi.
- Mustafi, C. K. (1992), Operations Research: Methods and Practice, Wiley Eastern, New Delhi.

Kurukshetra University, Kurukshetra
M. A. Economics w.e.f. 2017-2018
Course Structure

SEMESTER-III (W.E.F. 2017-18)

PAPER CODE	NOMENCLATURE	EXT.	INT.	TIME	CREDITS		
CORE PAPER					L	T	P
Paper-306	International Trade and Finance-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-307	Economics of Environment and Social Sector-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-308	Indian Economic Policy-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-309	Economics of Growth and Development-I	80	20	3 Hrs.	4	½ Hrs./G	-
ELECTIVE PAPERS							
Paper-310 Option (i)	Econometrics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (ii)	History of Economic Thought-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (iii)	Economics of Agriculture-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (iv)	Welfare Economics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (v)	Industrial Economics-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (vi)	Financial Markets and Institutions-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (vii)	Economics of Gender and Development-I	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-310 Option (viii)	Economics and Law-I	80	20	3 Hrs.	4	½ Hrs./G	-
OESS-12	Candidate is required to take one Option Elective, other than Economics, from the Common Lists of Papers of Social Sciences of the same Subject as taken in Semester-II (Syllabus enclosed in the end)	50	--	2 Hrs.	2	-	-

Total		500+50		20+2

Note: Students are required to select any one option from Paper-310. The students will select the same optional stream in Semester IV.

M.A. 3rd Semester
Paper-306

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

INTERNATIONAL TRADE AND FINANCE-1

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The course provides a deep understanding about the broad principles and theories, which tend to govern the free flow of trade in goods, services and capital — both short-term and long-term — at the global level. Besides, preparing the students about the relevance and limitations of these principles, the contents of the paper spread over different modules, lay stress on the theory and nature of the subject which, in turn, will greatly help them to examine the impact of the trade policies followed both at the national and international levels as also their welfare implications at macro level and the distribution of gains from trade to North and South with particular reference to India. The study of the paper under the present era of globalization will train the students about the likely consequences on income, employment and social standards and possible policy solutions as the world will move into the 21st century.

Unit - I

Theory of International Trade

Classical Theory of International Trade – Theories of absolute advantage, comparative advantage. Neo Classical Theory of international Trade (opportunity costs theory); Modern Theory of International Trade (Heckscher-Ohlin Model).Empirical Testing of theory of Heckscher-Ohlin.

Unit - II

AlternativeTheories of International Trade-

Offer Curve Analysis; J.S. Mill's Theory of Reciprocal Demand; Factor Price equalization theorem; Factor Progress and Rybczynski theorem; Kravis and Linder theory of International trade. Trade Under Imperfectly Competitive Markets conditions.

Unit - III

Gains from International Trade

Measurement of gains from trade and their distribution; Concepts of terms of trade, their uses and limitations; Hypothesis of secular deterioration of terms of trade, its empirical effects of relevance and policy implications for less developed countries; Theory of interventions (Tariffs, quotas and Nontariff)-Economic effects of tariffs (Partial and General Equilibrium analysis) Tariff and Stopler Samuelson Theorem .Optimum rates of tariffs – their measurement and effective rate of Protection.

Unit - IV

Growth and Trade

Economic Growth and International Trade - Production effect, Consumption Effect, The effects of growth on small countries; The Effects of Growth on Large Countries; Technical Progress and International Trade; Import substitution v/s Export Push; Trade Liberalization: Need and Objectives; Liberalization experience of developing countries with special reference to India.

Basic Reading List

- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogkusha, Japan.
- Cherunilam, F. (2008): International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.
- Dunn R.M. and J.H. Mutt (2000), International Economics, Routledge, London.
- Kindlberger, C P (1991): International Economics, R D Irwin, Homewood.8th Ed.
- Krugman, P.R. and Obstfeld, M. (1994), International Economics: Theory and Policy, Glenview, Foresman.
- Mishra, S.K. and Puri, V.K. (2012), Indian Economy- Its Development Experience, Himalaya Publishing House. 30th Revised Ed.
- Salvator, D L (2001): International Economics, Prentice Hall, Upper Saddle Rover, New York.
- Soderston, Bo. (1999), International Economics, The Macmillan Press Ltd. London.
- Yarbough, R.J. (1999), International Economics, International Thompson Publishing, New York.

Additional Reading List

- Bhagwati J. (1988), Protectionism, Cambridge University Press, Mass.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
- Dana, M.S. (2000), International Economics: Study, Guide and Work Book, (5th Edition), Routledge Publishers, London.
- Goldsten, M. (1998), The Asian Financial crisis: causes cure and systematic implications, Institute of International Economics, Washington D.C.

- Hufbauer G.C. and K.A. Elliott (1994), Measuring the Costs of Protection in the United States, Institute for International Economics.
- Jackson, J. (1989),The World Trading System, Cambridge University Press, Mass.
- Joshi, V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2000, Oxford University Press, New Delhi.
- King, P.G. (1995), International Economics and International Economic Policy: A Reader, McGraw Hill International, Singapore.
- Maggi, G. and A. Rodriguez-Clare (1998), "The Value of Trade Agreements in the Presence of Political Pressures," Journal of Political Economy, 106, 574-601.
- Mishkin, S.F. (1998), The Economics of Money, Banking and Financial Markets, (5th Edition), Harper Colins Publishers, New York.
- Panagariya, A. (2000), "Preferential Trade Liberalization: the Traditional Theory and new Developments," Journal of Economic Literature, 38, 287-331.
- Panchamukhi V.R. and R. Tandon (1987), Money and Finance in World Economic Order (RIS), Indus Publishing Co. Delhi.
- Panchmukhi, V.R. (1978), Trade Policies of India–A Quantitative Analysis, Concept Publishing Company, New Delhi.
- Patel, S. J. (1995), Indian Economy Towards the 21st Century, University Press Ltd., India.
- Pomfert, R. (1988), Unequal Trade: The Economics of Discriminatory International Trade Policies, Blackwell Publishers, Oxford.
- Satyanarayan, B. (1986), India's Trade with Asia and the Far East Countries, B.R. Publishing Corp., New Delhi.
- Vanderbussche, H. and M. Zanardi (2006), "The Global Chilling Effects of Antidumping Proliferation, "CEPR Discussion paper. 5597.

M.A. 3rd Semester
Paper-307

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF ENVIRONMENT AND SOCIAL SECTOR-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: This course is meant to provide some insights into the application of economic theory in the design and implementation of public policy related to the management of environment and social sectors. The course finds roots in welfare economics, national income accounting, macroeconomic policies and trade and development. The scope of this part of the paper has been limited to environmental theory, policy framework, approaches to environmental management and valuation.

Unit - I

Environment, ecology and economy; Pareto optimality and perfect competition; External effects in production and consumption; Market failure in case of environmental goods - incomplete markets, externalities, non-exclusion; non-rivalry; non-convexities and asymmetric information.

Unit – II

Environmental policy framework in India - problems of command & control regime; New Environment Policy. Natural resources: types, classification and scarcity; Elementary capital theory; Economics of natural resources.

Unit – III

Economic instruments for environmental protection; Pollution charges, ambient charges, product charges, subsidies; Liability rules - non-compliance fees, deposit refund system, performance bonds. Marketable pollution permits; Evaluative criteria of and practical conditions for use of the economic

incentives; Mixed instruments; Choice among policy instruments. Estimation of marginal cost of pollution abatement for designing the pollution tax.

Unit - IV

Coase's bargaining solution and collective action. Measures of economic value of environment WTP and WTAC; Contingent valuation method; Travel cost method; Hedonic market methods; Averting behaviour approach - household health production function method.

Basic Reading List

- Henderson, J.M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
- Hanley, N., J.F. Shogern and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
- Cropper, Maureen (1999), Valuing Environmental Benefits, Edward Elgar.
- Sankar, U. (Ed.) (2001), Environmental Economics, Oxford University Press, New Delhi.
- James, A.J., M. N. Murty and Smita Misra (1999), Economics of Water Pollution – The Indian Experience, Oxford University Press, New Delhi.

M.A. 3rd Semester
Paper-308

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

INDIAN ECONOMIC POLICY-1

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The objective of this Paper at the postgraduate level would be to sharpen the analytical faculty of the student, by highlighting an integrated approach to the functioning aspects of the Indian economy, keeping in view the scope for alternative approaches. Such an analysis is essential because the Indian economy is a unique amalgam of alternative competing and often conflicting theories and a proper understanding of its working is imperative if the student is to comprehend the ramifications that underlie most of the observed phenomena in the Indian economic set-up. The emphasis of the paper is on overall social, political and economic environment influencing policy decisions. To develop all these themes, the course is divided into specific modules which include basic features, institutional structure, fiscal federalism and foreign trade in this semester.

Unit-I

Major features of Indian Economy in present times. Role of State and Market in economic development. Broad demographic features of Indian population; Rural-urban migration; Urbanization; Poverty and Inequality.

Unit-II

Institutional Structure – land reforms in India; Technological change in agriculture; pricing of agricultural inputs and output; Issues in food security; Policies for sustainable agriculture.

Unit-III

Fiscal federalism – Centre-State financial relations; Finances of Central Government; Finances of State Governments; Parallel economy; Problems relating to fiscal policy.

Unit-IV

Structure and direction of foreign trade; Balance of payments; Issues in export-import policy; Exchange rate policy and FEMA; Foreign capital and MNCs in India.

Basic Reading List

- 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.
- Bardha, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
- Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
- Government of India, Economic Survey, (Annual), Ministry of Finance, New Delhi.
- Government of India, Planning Commission; Five Year Plan Development.
- Jalan, B. (1992), The Indian Economy – Problems and Prospects, Viking, New Delhi.
- Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.
- Kapila Uma Indian Economy Academic Foundation New Delhi Latest Edition.
- Mishra S.K.and Puri V.K, Indian Economy Himalya Publication House Latest Edition.
- Monga G.S.and Goel M.M. (2001) Wage Goods Approach and Development Deep and Deep New Delhi.
- Parikh, K.S. (1999), India Development Report – 1999-2000, Oxford University Press, New Delhi.
- Reserve Bank of India, Report on Currency and Finance, (Annual).
- Rudar Dutt and Sundram; Indian Economy S Chand and Company Latest Edition
- Sen, R.K. and B. Chatterjee (2001), Indian Economy: Agenda for 21st Century (Essays in honour of Prof. P.R. Brahmananda), Deep & Deep Publications, New Delhi.
- Goel, MM (2011): Economics of Human Resource Development in India,VK Global Publications, New Delhi
- Goel, MM (2014): Indian Economy Long Term Challenges & Policy Measures, Monograph N.91 , A Guna Gaurav Nyas Publications Think Line

M.A. 3rd Semester
Paper-309

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF GROWTH AND DEVELOPMENT-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The study of economic development has gained importance because of sustained interest of the developing countries in uplifting their economic conditions by restructuring their economies to acquire greater diversity, efficiency and equity in consonance with their priorities. While few success stories can be counted, many have grappled with chronic problems of narrow economic base, inefficiency and low standard of living. For this and other reasons, there have been many approaches to economic development. In recent times, besides hardcore economic prescriptions to development, concerns hitherto relegated to background like education, health, sanitation and infrastructural development, have found a place of pride in explaining the preference of various economies. Modules incorporated in this paper are devoted to the Concepts & Measurement of Economic Development, theories of growth and development, growth models and technological progress.

Unit I

Concepts & Measurement of Economic Development

Economic growth, economic development and sustainable development; Historical Perspective of Economic Growth and its relevance; Structural Diversity and common characteristics of developing nations.

Measuring Development: Income Measures, Basic Needs Approach, PQLI, HDI and Capabilities Approach; Goulet's core values of development.

Poverty, Inequality and Development: Measurement, Impact and Policy options.

Unit-II

Classical Theories of Growth and Development

Contributions of Adam Smith, Ricardo, Karl Marx and Schumpeter, Rostow's Theory of Stages of Economic Growth.

Unit-III

Growth Models

Harrod and Domar: Instability of equilibrium; Neo Classical Growth Models: Solow and Meade; Growth Models of Joan Robinson, Kaldor and Pasinetti.

Unit-IV

Technological Progress

Embodied and Disembodied; Neutral and Non-Neutral (Hicks and Harrod); TFP and growth accounting; Endogenous Growth Theory: Role of learning, education and research; Accumulation of Human Capital; Explanation of Cross-Country Differentials in Economic Growth.

Basic Reading List

- Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
- Barro, R. and X. Salai- Martin, Economic Growth, McGraw Hill, New York.
- Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.
- Brown, M. (1966), On the Theory and Measurement of Technical Change, Cambridge University Press, Cambridge, Mass.
- Chakravarti, S. (1982), Alternative Approaches to the Theory of Economic Growth, Oxford University Press, New Delhi.
- Chenery, H. and T.N. Srinivasan (Eds.) (1989), Handbook of Development Economics, Vols. 1 & 2, Elsevier, Amsterdam.
- Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.
- 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.
- Jones, HG.(1975), An Introduction to Modern Theories of Economic Growth, Nelson, London.
- Kindleberger, C.P. (1977), Economic Development, (3rd Edition), McGraw Hill, New York.
- Meier, G.M. and J.E.Rauch (2005), Leading Issues in Economic Development, (8th Edition), Oxford University Press, New Delhi.
- Sen, A.K. (Ed.) (1990), Growth Economics, Penguin, Harmondsworth.

- Todaro, M.P. and S.C. Smith (2003), (8th Edition), Economic Development, Pearson Education, Delhi.
- Thirlwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.

M.A. 3rd Semester
Paper- 310 (Option - I)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMETRICS–I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Applications of economic theory need a reasonable understanding of economic relationships and relevant statistical methods. The econometric theory thus becomes a very powerful tool for understanding of applied economic relationships and for meaningful research in economics. This paper accordingly is devoted to equip the students with basic theory of econometrics and relevant applications of the methods. The topics covered in the course include various problems faced in estimation of both single equations and simultaneous equations models.

Unit – I

Definition, Scope and Methodology of Econometrics, Simple Linear Regression Model; OLS Estimates and Their Properties. Functional forms of Regression Models, Growth Rates.

Unit – II

General Linear regression Model, Maximum Likelihood Estimates and their properties. R^2 and adjusted R^2; Significance Testing of Parameters in Multiple Regression Analysis.

Unit – III

Nature, Test, Consequences and remedial steps of problem of Heteroscedasticity, Multicollinearity and Autocorrelation; Generalized Least Square.

Unit – IV

Types of Specification Errors, Errors of Measurement. The Simultaneous Equation bias and Consistency of OLS Estimators; The Identification Problem; Rules of Identification- Order and Rank Conditions.

Basic Reading List

- Amemiya, T. (1985), Advanced Econometrics, Harvard University Press, Cambridge, Mass.
- Baltagi, B.H. (1988), Econometrics, Springer, New York.
- Goldberger, A.S. (1998), Introductory Econometrics, Oxford University Press, New York.
- Gujarati, D.N. (1995), Basic Econometrics (2^{nd} Edition) MC Graw Hill New Delhi.
- Intrilligator, M.D. (1978), Econometric Methods, Techniques and Applications, Prentice Hall Englewood Cliffs, New Jersey.
- Johnson J. (1991), Econometric Methods, MCGraw Hall Book Co. London
- Kmenta J. (1998), Elements of Econometrics, University of Michigan Press, NewYork
- Koutsoyiannis, A. (1977), Theory of Econometrics, The Macmillan Press Ltd. London
- Maddala G.S.(Ed) (1993), Econometric Methods and application, Aldershot U.K.
- Pindyck R.S. and D.L. Rubinfield (1976), Econometric Models and Economic Forecasts**,** MCGraw Hill Kogakusha Tokyo
- Theil H. (1981), Introduction to Econometrics**,** Prentice Hall of India, New Delhi

M.A. 3rd Semester
Paper-310 (Option-ii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

HISTORY OF ECONOMIC THOUGHT-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The history of economic thought deals with different thinkers and theories in the field of economics from ancient medieval world to the present day. The history of economic thought is as old as human thought itself. It clearly demonstrates the continuous development of economic ideas from the very early times of civilization to the present day. Changes in economic thought have always accompanied changes in the economy and economic policy. This course attempts to cover different phases in the evolution of economic ideas including the contribution of classical, neo-classical and liberal economic thinkers in the neo-liberalist phase.

Unit-I

General outline of Mercantilist theories: Physiocracy - Basic principles and policies, natural order, tableau economique; Classical Political Economy: Adam Smith : division of labour, Theory of Value, Economic Development.

Unit-II

David Ricardo : Theory of value, Theory of Distribution, Doctrine of Rent, Views on International Trade, Theory of Economic Development and the Stationary State, Critique by Sraffa; T.R. Malthus: Theory of Population and Theory of Gluts - Critics of Classicism.

Unit-III

Karl Marx: Materialistic Interpretation of history, Labour Theory of Value and Surplus Value, Neo-Classical School: Marshall: Consumers' Surplus, Tax bounty analysis, External Economies, Quasi-Rent, Role of time element in value; Pigou: Welfare Economics.

Unit-IV

Nobel Prize Winners in Economics: Tobin, Markowitz, Myrdal (1974), A.K.Sen (1998), Solow, Meade.

Basic Reading List

- Blaug, M 1997, Economic Theory in retrospect, Cambridge Universitypress, Cambridge
- Da Costa,G.C:Production,Prices and Distribution(1985)TMH,NewDelhi
- Dasgupta A.K.L1985) Epochs of Economic Theory ,Oxford Univ Press,New Delhi.
- Ekelund and Hebert :A History of Economic Theory and Method(1990)McGraw Hill Publ Co.New York.
- Eatwell,John, Murray Milgate ,Peter Newman(1998):The New Palgrave _A Dictionary of Economics, Macmillan Reference Ltd.
- Ghosh and Ghosh; Concise History of Economic Thought, Himalaya.
- Gill Richard: (1972)Evolution of Modern Economics,Prentice Hall ofIndia.
- Hunt E.K : (:1990) History of Economic Thought, Wodsworth.
- Morgan M. S.(1990), A History of Economic Ideas,Cambridge UnivPress. U.K.
- Oser Jacob,and S,.Brue L 1988)The Evolution of EconomicThought,Harcourt,NY
- Puttaswamaiah K.(1995) :Nobel Economists-Lives and Contributions,Indus Publ Co.,New Delhi.
- Roll, Eric : (1973) A History of Economic Thought, Faber, London.
- Seligman B.S: (1962),Main Currents In Modern Economics,Quadrangle, Chicago 32.
- Serepanti E,and Zamagui Stefano: An Outline of Economic Thought,OUP.
- Seshadri G.B:(1997),Economic Doctrines,B.R Publ Corp., New Delhi.
- Spiegel H.W. (1971) The Growth of Economic Thought, N.C .DukeUniv,Durham.
- Vohra P. and R. Mehta: Encyclopaedia of World Great Economists,Commonwealth.

M.A. 3rd Semester
Paper-310 (Option -iii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF AGRICULTURE-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The objective of this course is to provide a detailed treatment of issues in Agricultural Economics to those intending to specialize in this area. Its objective is to familiarize students with policy issues that are relevant to Indian Agricultural Economics and enable them to analyze the issues using basic micro-economic concepts.

Unit - I

Introduction

Agricultural Economics: Definition, Nature and Scope; Role of Agriculture in Economic Development; Inter- Sectoral Linkages of Agriculture (Backward and Forward Linkages and Feedback Effects), Role of Agriculture in Haryana and Indian Economy, Farming as a business or way of life, Risks and Uncertainties in Agriculture.

Unit - II

Models of Agricultural Development

Ancient Economic Thought and Agriculture: Hebrew Economic Thought, Greek Economic Thought – Socrates, Plato, Aristotle; Roman Economic Thought; Medieval Economic Thought and Agriculture – St. Augustine; Physiocrats and Agriculture; Classical Economic Thought and Agriculture.

Unit - III

Agricultural Development and Policy in India

Indian Agriculture: Features, Problems and Trends; Agricultural Productivity in India – Causes of Low Productivity and Suggestions to increase Productivity in India; Agricultural Price Policy :

origin, objectives, need, instruments, shortcomings and suggestions for Re-orientation of Agricultural Price Policy in India, Agriculture Marketing in India, Agricultural Development and Five Year Plans.

Unit - IV

Rural Unemployment and Poverty in India

Rural Unemployment : Nature, Magnitude, Causes and Suggestions to solve unemployment problem; Problems and Measures to improve the conditions of Agricultural Labourers, Rural Poverty, Inequalities in income distribution, Concept of Poverty Line and Measures to eradicate Poverty in India.

Basic Reading List

- Black, J.D. (1945), Introduction to Economics of Agriculture. MacMillan, New York.
- Bruce L., Gardener and Gordon C., Rausser (Eds.), Handbook of Agricultural Economics, Vol.1A, Agricultural Production, Amersterdam, Elsevier Science B.V.
- Bruce L., Gardener and Gordon C., Rausser (Eds.), Handbook of Agricultural Economics, Vol. 2B, Agricultural and Policy, Amsterdam, Elsevier Science B.V.
- Bruce L., Gardener and Gordon C., Rausser (Eds.),Handbook of Agricultural Economics, Vol.1B, Marketing, Distribution and Consumption, Amersterdam, Elsevier Science B.V.
- Bruce, L., Gardener and Gordon C., Rausser (Eds.), Handbook of Agricultural Economics, Vol.2A, Agricultural and Its External Linkages, Amsterdam, Elsevier Science B.V.
- Cohen, R.L. (1948), Economics of Agriculture, Nishet, London.
- Dantwala, M.L. et. al (1991), Indian Agricultural Development Since Independence, Oxford & IBH, New Delhi.
- Drummond H. Evan and Goodwin W. John (2006), Agricultural Economics, Pearson Education, New Delhi.
- Eicher Carl and Lawrence Witt (Eds.) (1964), Agriculture in Economic Development, New York, McGraw Hill Co.
- Forster, G.W. and Leoger, M.C. (1959), Elements of Agricultural Economics, Prentice Hall.
- Ghatak Subrata and Ken Ingersent, Agriculture and Economic Development, Harvestor Press Ltd., London.
- Goodwin, H.G. (1977), Economics of Agriculture, Reston Publiching Co.
- Halcrow, H.G.(1981), Economics of Agriculture, McGraw Hill International Book Agency.
- Meier, G.M. (1995), Leading Issues in Economic Development, Oxford University Press, New Delhi.
- Metcaff, D. (1969), Economics of Agriculture, Harmondsworth, Penguin Books.
- Nicholls, W.H. (1964), "The Place of Agriculture in Economics Development", in Eicher, C. and Witt, L.(ed) 1964, Agriculture in Economics Development, Vora & Co. Publishers Pvt. Ltd, Bombay.
- Ojala, E.M.(1950), Agriculture and Economic Progress, Oxford University Press, London.
- Southworth Herman and Bruce Johnston (eds.) (1968), Agricultural Development and Economic Growth, Cornell University Press, New York.

Additional Reading List

- Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi.
- Harque, T. and A.S. Sirohi (1986), Agrarian Reforms and Institutional Changes in India, Concept Publishing Company, Delhi.
- Lekhi, R.K. and Singh, Joginder (2010), Agricultural Economics, Kalyani Publishers, New Delhi.
- Sadhu and Singh (1991), Agricultural Problems in India, Himalaya Publishing House, New Delhi.
- Sadhu and Singh (2002), Fundamentals of Agricultural Economics, Himalaya Publishing House, New Delhi.
- Singh, Kuldeep (2010), "Agricultural Trajectories and Environment Dilemma : Some Evidence from Haryana", Agricultural Situation in India, Vol. LXVII, No. 3, June, 2010.
- Soni, R.N. (1995), Leading Issues in Agricultural Economics, Arihant Press, Jalandhar.

M.A. 3rd Semester
Paper-310 (Option-iv)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

WELFARE ECONOMICS – I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Evaluation of normative significance of economic events and issues forms the framework of welfare economics. Many applied branches of economics such as public finance, cost-benefit analysis, industrial economics and economics of government policy use welfare economic criteria as their foundation. The paper is divided into three modules — Pre-Paretian Welfare Economics, Paretian Welfare Economics and Later Developments.

Unit-I

Scope and Purpose of Welfare Economics; Benthamite Approach to Aggregate Welfare ; Assumption of Uniform Income – Utility Function of Individuals; Questions of Income Distribution; Issue of Interpersonal Comparisons of Utility.

Unit-II

Fairness, Equity and Distributive Justice; Marshallian Welfare Economics; Consumer's Surplus-Measurement, Difficulties involved and Criticism.

Unit-III

Hicksian Surpluses - Concept of Consumer's Surplus, Principle of Compensating Variation; Consumer's Surplus and Tax-Bounty Analysis.

Unit-IV

Optimum Resource Allocation and Welfare Maximization, Pareto optimality – Optimum exchange conditions, The production optimum, The consumption optimum, Concept of contract curve; Top level optimum.

Basic Reading List

- Boadway, R.W. and Neil,B. (1984), Welfare Economics, Basil Blackwell, Oxford.
- Little, I.M.D. (1958), A critique of Welfare Economics, Oxford University Press.
- Scitovsky,T.(1958), Welfare and Competition, GOERGE ALLEN AND UNWIN LTD.
- Sen,A.(1982), Choice,Welfare and Measurement, Basil Blackwell.
- Johansson(1991),An Introduction to Modern Welfare Economics,Cambridge University Press

Additional Reading List

- Baumol, W.J. (ed.) (2001), Welfare Economics, Edward Elgar Publishing Ltd., U.K.
- Pigou, A.C. (1962), The Economics of Welfare (4th Edition), Macmillan.
- Hicks, J.R. (1956), A Revision of Demand Theory, Clarendon Press, Oxford.
- Little, I.M.D. (1949), The Foundations of Welfare Economics, Oxford Economic Papers, Vol. 1.

M.A. 3rd Semester
Paper-310 (Option-v)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

INDUSTRIAL ECONOMICS- I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: In the contemporary world with globalization and liberalization more and more attention is being given to industry. This course intends to provide knowledge to the students on the basic issues such as productivity, efficiency, capacity utilization and debates involved in the industrial development of India. The objective is to provide a thorough knowledge about the economics of industry in a cogent and analytical manner, particularly in the Indian context.

Unit-I

Concept and Organization of a firm – ownership, control and objectives of the firm; Passive and active behaviour of the firm; Growth of the firm –Theory and evidence, constraints on firm's growth;

Unit-II

Productivity, efficiency and Capacity utilization – concept and measurement; Indian situation. Theories of industrial location – Weber and Sargent theories, Factors affecting location.

Unit-III

Sellers' concentration; Product differentiation; Entry conditions; Economies of Scale; Market structure and profitability; Market structure and innovation; Product pricing – theories and evidence.

Unit-IV

Methods of project evaluation; Ranking of Projects – NPV and IRR; Social cost-benefit Analysis; Theories and empirical evidence on Mergers and Acquisitions (M & A's) and diversification.

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 Economy 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. Moris (1979), Industrial Economics: Theory and Evidence, Oxford University Press, New Delhi.
- Kuchhal, S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahbad.
- Reserve Bank of India, Report on Currency and Finance (Annual).

Additional Reading List

- Bains, J.S. (1996), Industrial Organization, Cheltanham, U.K.
- Harndeen, J.B. (1975), The Economics of Corporate Economy, Dunellen Publishers, New York.
- Kemien, M.T. and N.L. Schwartz (1982), Market Structure and Innovation, Cambridge University Press, Cambridge.
- Bagchi, A. and M. Banerjee (Eds.) (1979), Change and Choice in Indian Industry, Bagchi Publications, Calcutta.
- Kelkar, V.L. and V.V. Bhnoji Rao (Eds.) (1996), India Development Policy Imperatives, Tata McGraw Hill, New Delhi.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing, Bombay.
- Chakravarty, S. (1987), Development Planning: The Indian Experience, Oxford University Press, New Delhi.
- Joshi, V. and I.M.D. Little (1999), India: Macro Economics and Political Economy: 1964-1991, Oxford University Press, New Delhi.
- Jalan, B. (1996), India's Economy Policy, Viking, New Delhi.
- Sen, R. and B. Chatterjee (2001), Indian Economy: Agenda for the 21st Century (Essays in honour of Professor P.R. Brahmananda), Deep and Deep Publications Pvt. Ltd., New Delhi.

M.A. 3rd Semester
Paper-310 (Option-vi)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

FINANCIAL MARKETS AND INSTITUTIONS-I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The students will learn about financial system, banking system, Interest Rates and Money as well as Capital Markets in general and in India. In this way the students shall be able to comprehend all players, processes, functions, components and instruments of Financial Market as one inter-related and interdependent system. The paper shall help the students to specialize in financial markets providing broader knowledge.

Unit-I

Financial System
Meaning and Rationale of studying Financial System; Risk management in Banks and Financial Institutions.

Interest Rate
Terms structure of Interest rate and Yield curve; Term structure theories.

Unit-II

Commercial Banking System
Meaning, Functions and Types of Commercial Banks ; NPAs: meaning, classification and effects; Banking sector reforms over last decade.

Central Banking System
Central Banking in India; Conduct of monetary policy in India; Role of RBI in Financial Stability and Financial inclusion.

Unit-III

Money Market

Introduction, Meaning and main characteristics of Money Market segments- Call Money Market, Treasury bill market, Commercial Papers Market, Certificate of Deposit Market, Gilt- edged Securities Market, Repo Market,

Functions and Importance of money market in India; Recent Developments in Indian Money Market.

Unit-IV

Capital Market

Meaning, Objectives, Importance and Functions of Capital Market; Financial instruments in primary capital Market;.

Hedging with Financial derivatives- Futures, Options and Interest Swaps.

Reading List

- Bhasin, N. (2007), Banking and Financial System India 1947-2007, New Century Publications.
- Gupta,S.K , Aggarwal,N. and Gupta,N. (2005), Financial Institutions and Markets, Kalyani Publishers.
- Khan, M.Y.(2008) Indian Financial System. Tata McGraw Hill Company Ltd
- Mishkin, F.S and Eakins,S.G.(2009) Financial Markets and Institutions, (5th Edition) Dorling Kindersley.
- Bhole, L.M. and Mahakud, J.(2009), Financial Institutions and Markets-Structure, Growth and Innovations, Tata Mcgraw Hill.
- Madura, J.(2006) Financial Institutions and Markets (7th Edition), CENGAGE Learning.
- Fabozzi, F.J, Modigliani, F. Jones,F.J.and Ferri,M.G.(2009), Foundations of Financial Markets and Institutions, Dorling Kindesley.
- Mishkin, (2013) ' The economics of Money, Banking and Financial Markets'. 7e, Pearson Publications.
- Cecchetti, S.G. and Schoenholtz, K.L.(2013) , 'Money , Banking and Financial Markets' . 3rd edition. Tata McGraw Hill Company Ltd

- Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
- Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahbad.
- Johnson, H.J. (1993), Financial Institutions and Markets, McGraw Hill, New York.
- Machiraju, M.R. (1999), Indian Financial Systems, Vikas Publishing House, New Delhi.
- Ohlson, J.A. (1987), The Theory of Financial Markets and Institutions, North Holland, Amsterdam.
- Prasad, K.N. (2001), Development of India's Financial System, Sarup & Sons, New Delhi.
- Smith, P.F. (1978), Money and Financial Intermediation: The Theory and Structure of Financial System, Prentice Hall, Englewood-Cliffs, New Jersey.
- Chandra, P. (1997), Financial Markets, (4th Edition), Tata McGraw Hill, New Delhi.

- Machiraju, H.R. (1997), International Financial Markets in India, Wheeler Publishing, Allahbad.
- Bhatt, R.S. (1996), Unit Trust of India and Mutual Funds: A Study, UTI Institute of Capital Markets, Mumbai.
- Sahadevan, K.G. and M.T. Thiripalraju (1997), Mutual Funds, Prentice Hall of India, New Delhi.
- Goss, B.A. and B.S. Yamey (1978), The Economics of Futures Trading, Macmillan, London
- Gupta, L.C. (Ed.) (1999), India's Financial Markets and Institutions, Society for Capital Research and Development, Delhi.
- Crocker, A. (1982), International Money; Issues and Analysis, The English Language Book Society, Nelson, London.
- Niehans, J. (1994), International Monetary Economics, John Hopkins University Press, New York.
- Official websites of IMF, RBI,SEBI

- Prasad, K.N. (2001), Development of India's Financial System, Sarup & Sons, New Delhi.
- Smith, P.F. (1978), Money and Financial Intermediation: The Theory and Structure of Financial System, Prentice Hall, Englewood-Cliffs, New Jersey.
- Chandra, P. (1997), Financial Markets, (4^{th} Edition), Tata McGraw Hill, New Delhi.
- Machiraju, H.R. (1997), International Financial Markets in India, Wheeler Publishing, Allahbad.
- Bhatt, R.S. (1996), Unit Trust of India and Mutual Funds: A Study, UTI Institute of Capital Markets, Mumbai.
- Sahadevan, K.G. and M.T. Thiripalraju (1997), Mutual Funds, Prentice Hall of India, New Delhi.
- Goss, B.A. and B.S. Yamey (1978), The Economics of Futures Trading, Macmillan, London
- Gupta, L.C. (Ed.) (1999), India's Financial Markets and Institutions, Society for Capital Research and Development, Delhi.
- Crocker, A. (1982), International Money; Issues and Analysis, The English Language Book Society, Nelson, London.
- Niehans, J. (1994), International Monetary Economics, John Hopkins University Press, New York.
- Official websites of IMF, RBI, SEBI.

M.A. 3rd Semester
Paper- 310 (Option-vii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF GENDER AND DEVELOPMENT- I

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Gender biases in societal practices and development policies have resulted in persistent gender inequalities. It is increasingly being realized that mitigating such inequalities and enhancing women's capabilities and entitlements are crucial to the overall development of the country. This course "Economics of Gender and Development" would provide students an understanding of the nature of the economic role of women and their contribution to the national economy on the basis of a scientific and non-sexist analysis. The modules incorporated in this course provide an analysis of issues at the theoretical level and also with regard to specificity of issues prevailing in the Indian context.

Unit-I

Importance and concepts of women studies – women in patriarchal and matriarchal societies and structures, patrilineal and matrilineal systems and relevance to present day society in India; Economic basis and functioning of patriarchy in developed Countries and LDCs, particularly India.

Unit-II

Demography of female population: Age structure, mortality rates, and sex ratio – Causes of declining sex ratios and fertility rates in LDCs and particularly India – Theories and measurement of fertility and its control; Women and their access to nutrition, health, education and social and community resources, and its impact on female mortality and fertility, economic status, and work participation rate.

Unit-III

Factors affecting decision making by women; Property rights; access to and control over economic resources, assets; Power of decision making at household, class community level; Economic status of women and its effect on work-participation rate, income level, health, and education in developing countries and India.

Unit-IV

Concept and analysis of women's work: valuation of productive and unproductive work; visible and invisible work; paid and unpaid-work; economically productive and socially productive work .Factors affecting female entry in labour market; Supply and demand for female labour in developed and developing countries, particularly India; Studies of female work participation in agriculture, non-agricultural rural activities, informal sector, cottage and small-scale industries, organized industry and services sector.

Basic Reading List

- Boserup E. (1970), Women's Role in Economic Development, George Allen and Unwin, London.
- Desai, N. and M.K. Raj (Eds.) (1979), Women and Society in India, Research Center for Women Studies, SNDT Unviersity, Bombay
- Government of India (1974), Towards Equality – Report of the Committee on the Status of Women in India, Department of Social Welfare, Ministry of Education and Social Welfare, New Delhi.
- Krishnaraj, M., R.M. Sudarshan and A. Shariff (1999), Gender, Population and Development, Oxford University Press, New Delhi.
- Seth, M. (2000), Women and Development: The Indian Experience, Sage Publications, New Delhi.
- Srinivasan K. and A. Shariff (1998), India: Towards Population and Development Goals, Oxford University Press, New Delhi.
- Venkateswaran S. (1995), Environment, Development and the Gender Gap, Sage Publications, New Delhi.
- Wazir, R. (2000), The Gender Gap in Basic Education: NGOs as Change Agents, Sage Publications, New Delhi.

M.A. 3rd Semester
Paper- 310 (Option viii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS AND LAW-I

Note: (i) Nine Questions will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: In order to understand the basic tools and methods of economic analysis both at the micro and macro levels, it is imperative to understand the basic provisions of law relating to consumer activities, business organizations, environment, custom duties, public sector undertakings, direct foreign investment and the law relating to international organizations and vice versa. However, economists have often taken for granted the various legal provisions which affect the economic behavior which is not true. In order to meet this requirement, this course is essential and has been designed in a way that the students of economics would be able to comprehend the basic economic issues affecting the economy along with the related legal provisions. This would enable the economists to frame their models that are closer to reality.

Unit-I

Introduction to Law and Economics; Economic Approach to Law- History and Development; Interrelationship between Legal and Economic Process;

Economic Efficiency in law and Economics; Market Efficiency and Failure; Coase Theorem and related ideas in Welfare Economics; Compensation Principle; Social Welfare Function;.

Unit-II

The Civil and Common law Traditions; The Federal and State Court Systems; The Nature of Legal Dispute; Legal Rules Evolution Process;
An Economic Theory of Property – Concept, Bargaining Theory, Applications of the Economic Theory of Property Law; Economics of Intellectual Property

Unit-III

Defining of Tort Law; Economic Theory of Tort Liability; Applications of the Economic Theory of Tort Law
Consumer Protection; Consumer Courts

Unit-IV

Economic Role and Theory of Contract; Remedies as Incentives; Formation Defenses and Performance Excuses; Applications of the Economic Theory of Contract

Reading List

- Veljanovski, Cento G. 1980. The Economic Approach to Law: A Critical Introduction, 7 Brit. J. Law & Society 158. In Dau-Schmidt and Ulen: 21-36.
- Thomas J. Miceli, "The Economic Approach to Law", 2nd Edition, Stanford University Press, 2008
- Cooter and Ulen, Law and Economics (2nd edition)
- Bouckaert, B. and G. De Geest (Ed.) (1999), Encyclopaedia of Law & Economics, (Volume I to V), Edward Elgar, UK.
- Posner, R.A. (1998), Economic Analysis of Law, (5th edition), Little Brown, Boston.
- Oliver, J.M.(1979), Law & Economics, George Allen & Unwin, London.
- Posner, R.A. and F. Parisi (Eds.) (1997), Law & Economics, Edward Elgar, UK.
- Massey, I.P.(1995), Administrative Law, Eastren Book Company, Lucknow.
- Burrows, P. and C.G. Veljanovski (Eds.) (1981), The Economic Approach to Law, Butterworths, London.
- Zerbe, R.O. (2000), Economic Efficiency in Law & Economics, Edward Elgar, UK.
- Jain, M.P.(1990), Outlines of Indian Legal History, (5th edition), N.M. Tripathy(P) Ltd., Bombay.
- Aggarwal, V.K. (2000), Bharat's Consumer Protection (law & Practice), (4th Edition), B.L.H. Publishers Distributors Pvt. Ltd., New Delhi.
- Verma, G.P.(1993), State Liability in India : Retrospect & Prospect, Deep & Deep Publications, New Delhi.
- Apte, P.G.(1998), International Financial Management, (2nd edition), TMH, New Delhi.
- Ghosh, T.P. (1999), Buy Back of Shares, Taxmann, New Delhi.
- Horne, J.(1997), Financial Management & Policy, (10th edition), PHI, New Delhi.
- Nabhi's Manual of SEBI (Vols. I & II), NABHI, New Delhi.
- Fiorentini, G. and S. Zamagni (1999), The Economics of Corruption & Illegal Markets, Edward Elgar, UK.
- Philips L. and H.L. Votey (1981), Economics of Crime Control, SAGE, London.
- Schmidth, P. (1984), An Economic Analysis of Crime & Justice, Academic Press, Orlendo.
- Divan, S. and A. Rosencronz(2001), Environmental Law and Policy in India, (2nd edition), Oxford University Press, New Delhi.
- Gupta, K.R. (ed.) (1996), World Trade Organization (successorr to GATT) and India, Atlantic, New Delhi.

- Kumar, A.(1999), Environmental Problems, Protection and Control (Vols I and II), Anmol Publications, Delhi.
- Swanson, T.M. and S. Johnston (19990, Global Environmental Problems and International Environmental Agreements, Edward Elgar, UK.
- Cornish, W.R. (2001), Intellectual Property, 3rd edition, Universal Law Publishing, Delhi.
- Mittal, O.P.(1999), Indian Patents Law, Taxmann, New Delhi.
- Pajovich, S.(ed.) (2001), The Economics of Property Rights, Vols I & II, Edward Elgar, UK..
- *Companies Act (13th edition), Taxmann Allied Services Pvt. Ltd.*

Kurukshetra University, Kurukshetra
M. A. Economics
w.e.f. 2017-2018
Course Structure

SEMESTER-IV

PAPER CODE	NOMENCLATURE	EXT.	INT.	TIME	CREDITS		
CORE PAPERS					L	T	P
Paper-406	International Trade and Finance-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-407	Economics of Environment and Social Sector-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-408	Indian Economic Policy-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-409	Economics of Growth and Development-II	80	20	3 Hrs.	4	½ Hrs./G	-
ELECTIVE PAPERS							
Paper-410 Option (i)	Econometrics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (ii)	History of Economic Thought-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (iii)	Economics of Agriculture-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (iv)	Welfare Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (v)	Industrial Economics-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (vi)	Financial Markets and Institutions-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (vii)	Economics of Gender and Development-II	80	20	3 Hrs.	4	½ Hrs./G	-
Paper-410 Option (viii)	Economics and Law-II	80	20	3 Hrs.	4	½ Hrs./G	-
Total		500			20		

Note: Students are required to select any one option from Paper-410. The students will select the same optional stream as in Semester III.

M.A. 4th Semester
Paper-406

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

INTERNATIONAL TRADE AND FINANCE-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The course provides a deep understanding about the broad principles and theories, which tend to govern the free flow of trade in goods, services and capital — both short-term and long-term — at the global level. Besides, preparing the students about the relevance and limitations of these principles, the contents of the paper spread over different modules, lay stress on the theory and nature of the subject which, in turn, will greatly help them to examine the impact of the trade policies followed both at the national and international levels as also their welfare implications at macro level and the distribution of gains from trade to North and South with particular reference to India. The study of the paper under the present era of globalization will train the students about the likely consequences on income, employment and social standards and possible policy solutions as the world will move into the 21st century.

Unit-I

Balance of Payments

Meaning and components of balance of payments; Equilibrium and disequilibrium in the balance of payments; Process of adjustment under gold standard; Automatic adjustment mechanism through fixed exchange rates and flexible exchange rate., Foreign Exchange Market: Expectations (Spot rate, forward exchange rate, Speculative Pressures) and Exchange Rate.

Unit-II

Expenditure changing Polices (Monetary and fiscal policy), Expenditure-Switching Policies and Direct Controls for Balance of payment Equilibrium.; Monetary approach to Balance of Payment

Equilibrium.; Foreign trade multiplier(with and without foreign repercussions); and determination of national income in an open Economy.

Unit-III

The International Monetary System

International Monetary Fund-Working and conditionality clause of International monetary Fund; Functions and Achievements of GATT/WTO, UNCTAD, World Bank and India.

The Theory of Regional Blocs

Forms of economic cooperation; Static and Dynamic effects of a customs union and free trade area; SAARC, ASEAN, EU; Asian Economic Integration : Rationale and Economic Progress.

Unit-IV

Trade Policies in India

Trade problems and trade policies in India during the last five decades; Recent changes in the direction and composition of trade and their implications; Rationale and impact of trade reforms since 1991 on balance of payments, employment and Growth; FDI and Sectoral Growth in India.

Basic Reading List

- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogkusha, Japan.
- Cherunilam, F. (2008): International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.
- Dunn R.M. and J.H. Mutt (2000), International Economics, Routledge, London.
- Kindlberger, C P (1991): International Economics, R D Irwin, Homewood.8th Ed.
- Krugman, P.R. and Obstfeld, M. (1994), International Economics: Theory and Policy, Glenview, Foresman.
- Mishra, S.K. and Puri, V.K. (2012), Indian Economy- Its Development Experience, Himalaya Publishing House. 30th Revised Ed.
- Rudar Dutt and Sundram; Indian Economy S Chand and Company Latest Edition
- Salvator, D L (2001): International Economics, Prentice Hall, Upper Saddle Rover, New York.
- Soderston, Bo. (1999), International Economics, The Macmillan Press Ltd. London.
- Yarbough, R.J. (1999), International Economics, International Thompson Publishing, New York.

Additional Reading List

- Bhagwati J. (1988), Protectionism, Cambridge University Press, Mass.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
- Dana, M.S. (2000), International Economics: Study, Guide and Work Book, (5th Edition), Routledge Publishers, London.

- Goldsten, M. (1998), The Asian Financial crisis: causes cure and systematic implications, Institute of International Economics, Washington D.C.
- Hufbauer G.C. and K.A. Elliott (1994), Measuring the Costs of Protection in the United States, Institute for International Economics.
- Jackson, J. (1989),The World Trading System, Cambridge University Press, Mass.
- Joshi, V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2000, Oxford University Press, New Delhi.
- King, P.G. (1995), International Economics and International Economic Policy: A Reader, McGraw Hill International, Singapore.
- Maggi, G. and A. Rodriguez-Clare (1998), "The Value of Trade Agreements in the Presence of Political Pressures," Journal of Political Economy, 106, 574-601.
- Mishkin, S.F. (1998), The Economics of Money, Banking and Financial Markets, (5th Edition), Harper Colins Publishers, New York.
- Panagariya, A. (2000), "Preferential Trade Liberalization: the Traditional Theory and new Developments," Journal of Economic Literature, 38, 287-331.
- Panchamukhi V.R. and R. Tandon (1987), Money and Finance in World Economic Order (RIS), Indus Publishing Co. Delhi.
- Panchmukhi, V.R. (1978), Trade Policies of India–A Quantitative Analysis, Concept Publishing Company, New Delhi.
- Patel, S. J. (1995), Indian Economy Towards the 21st Century, University Press Ltd., India.
- Pomfert, R. (1988), Unequal Trade: The Economics of Discriminatory International Trade Policies, Blackwell Publishers, Oxford.
- Satyanarayan, B. (1986), India's Trade with Asia and the Far East Countries, B.R. Publishing Corp., New Delhi.
- Vanderbussche, H. and M. Zanardi (2006), "The Global Chilling Effects of Antidumping Proliferation, "CEPR Discussion paper. 5597.

M.A. 4th Semester
Paper- 407

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF ENVIRONMENT AND SOCIAL SECTOR-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Health, Education and environment are essential components of social sector studies. Modules incorporated in this paper are devoted to issues of sustainable development, environmental accounting, CPRs, natural resources of India including land, water, energy, air, forests, wetland; macroeconomic issues, environmental resource problems in India. The economics of health and education constitute the other areas of the modules of this paper. The students will develop a broad and deep perspective to understand the existing resource economics problems of India in realistic conditions after going through this course.

Unit-I

Concept and indicators of sustainable development - sustainability rules, Common-Perrings model; The Solow/Hartwick approach to sustainability. System of integrated environmental and economic accounting (SEEA).

Unit-II

Management of common property resources; CPRs, LDCs and sustainable development; Subsidies, controls and use of natural capital in India. Political Economy of ecology and equity. Gender perspective in environmental management.

Unit-III

Environment and energy; Water resource planning; Water and air pollution - existing pollution control mechanisms; People's participation in the management of common and forest lands; The institutions of joint forest management and the joint protected area management; Social forestry — rationale and benefits. Wetlands. Global environmental issues- problems in managing climate change; International trade and environment; Trade and environment in WTO regime.

Unit-IV

Education as an instrument for economic growth; Important issues in basic and higher education; Education and labour market — Effects of education, ability and family background on earnings, poverty and income distribution, education and employment; production function models, growth accounting equations of Schultz and Denison, Manpower requirements approach; Economic dimensions of health care and determinants of health; Role of Government and market in health care; Inequalities in health and education – the class and gender perspective; Financing of education and health in India.

Basic Reading List

- Hanley, N., J.F. Shogern and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
- Chary, S.N. and Vyasulu, Vinod (2000), Environmental Management - an Indian Perspective, Macmillan, New Delhi.
- Schultz, T.W. (1971), Investment in Human Capital, Free Press, New York.
- World Bank (1993), The World Development Report, 1993: Investing in Health, Oxford University Press, New York.
- Panchmukhi, P.R. (1980), Economics of Health: A Trend Report in ICSSR, A Survey of Research in Economics, Vol. VI, Infrastructure, Allied, Delhi.
- Brian G. Dahlin , The Impact of Education on Economic Growth -Theory, Findings, and Policy Implications, Duke University, pdf from internet.
- Psacharopoulos, G. 1973. Returns to Education: An International Comparison. Amsterdam:Elsevier.
- Barro, Robert. "Economic Growth in a Cross Section of Countries," *Quarterly Journal of Economics,* 1991
- Education and economic growth, Jonathan Temple*, Department of Economics, University of Bristol, 8 Woodland Road, Bristol BS8 1TN, pdf from internet.
- Education and Economic Growth, Robert J. Barro, pdf from internet.
- Painuly, J P, Economic Instruments: Application to Environmental Problems, Working paper no 3, by UNEP from IGIDR, Bombay, 1995.
- Value of Life, Value of Time, and Costant Relative, Blaug, M. (1972), Introduction to Economics of Education, Penguin, London.
- Hussen, A.M. (1999), Principles of Environmental Economics, Routledge, London.
- Jeroen. C.J.M. van den Berg (1999), Handbook of Environmental and Resource Economics, Edward Elgar Publishing Ltd., U.K.
- Pearce, D.W. and R. Turner (1991), Economics of Natural Resource Use and Environment, John Hopkins University Press, Baltimore.

M.A. 4th Semester
Paper- 408

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

INDIAN ECONOMIC POLICY-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: As a sequel to the paper in semester three, the focus has been shifted to economic planning, infrastructure and industrial policy. Indian economy provides an opportunity to test the macro-economic theories, fiscal and monetary policies. Hence, in this semester the students will use the theoretical framework to analyse price behaviour in India. One module has been devoted to international aspects, WTO and good governance.

Unit-I

Five year Plans with emphasis on latest plan. Infrastructural development - issues and policies in its financing.

Unit -II

Industrial policy; Public Sector enterprises and their performance; Privatization and dis-investment debate; Micro and Small-scale Industries; Labour sector reforms.

Unit -III

Analysis of price behaviour in India; Review of monetary policy of the Reserve Bank of India (RBI) with emphasis on latest developments; Banking Sector reforms in India.

Unit IV

Globalization of Indian economy; WTO and its impact on the different sectors of the economy; Rationale of and issues in good governance.

Basic Reading List

- 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.
- Bardha, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
- Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
- Government of India, Economic Survey, (Annual), Ministry of Finance, New Delhi.
- Government of India, Planning Commission; Five Year Plan Development.
- Jalan, B. (1992), The Indian Economy – Problems and Prospects, Viking, New Delhi.
- Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.
- Kapila Uma Indian Economy Academic Foundation New Delhi Latest Edition.
- Mishra S.K.and Puri V.K, Indian Economy Himalya Publication House Latest Edition.
- Monga G.S.and Goel M.M. (2001) Wage Goods Approach and Development Deep and Deep New Delhi.
- Parikh, K.S. (1999), India Development Report – 1999-2000, Oxford University Press, New Delhi.
- Reserve Bank of India, Report on Currency and Finance, (Annual).
- Rudar Dutt and Sundram; Indian Economy S Chand and Company Latest Edition
- Sen, R.K. and B. Chatterjee (2001), Indian Economy: Agenda for 21st Century (Essays in honour of Prof. P.R. Brahmananda), Deep & Deep Publications, New Delhi.
- Goel, MM (2011): Economics of Human Resource Development in India, VK Global Publications, New Delhi.
- Goel, MM (2014): Indian Economy Long Term Challenges & Policy Measures, Monograph N.91 , A Guna Gaurav Nyas Publications Think

M.A. 4th Semester
Paper- 409

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF GROWTH AND DEVELOPMENT – II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: In this paper the focus has been shifted from growth to development considering growth only as a means to development. Modules incorporated in this paper are devoted to the theories of growth and development, social and institutional aspects of development, importance of agriculture, and the rationale and pattern of industrialization in developing countries. The other important issues in the context of development such as role of international trade, importance of domestic macroeconomic policies, role of state and relevance of planning have been included in the modules of this paper.

Unit-I

Approaches to Development

Balanced and Unbalanced Growth; Critical Minimum Efforts Theory; Low Income Equilibrium Trap; Dual Economy: Models of Lewis, Fei-Ranis, Jorgensen, Basic idea of Dixit and Marglin, Kelly et.al.

Unit-II

Sectoral Aspects of Development

Role of Agriculture in Economic Development; Heterogeneity in Agriculture; Agricultural Transformation: Designing Strategy for Agriculture Transformation; Rationale and Pattern of Industrialization in developing Countries; Choice of Techniques, appropriate technology and employment; Terms of Trade between Agriculture and Industry.

Services Sector in Developing Economies: Role, growth and sustainability, Infrastructure and its importance.

Unit-III

Trade and Development Experience

International Trade as an Engine of Growth: Static and Dynamic gains from Trade; Prebisch-Singer Thesis vis-à-vis Free Trade experience of Developing Countries; Trade Policy Debate: Export promotion, Import Substitution and Economic Integration; WTO and Developing Countries, International Organizations IMF and World Bank.

Unit-IV

State and Economic Development

Market Failure & Rational of state in Economic development; State Capacity and State Failure; Good Economic Governance.

Development Planning: Financial System & Macroeconomic Stability, Fiscal Policy for inclusive Growth.

Basic Reading List

- Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.
- Bhagwati, J. and P. Desai (1970), India: Planning for Industrialization, Oxford University Press, London.
- Brown, M. (1966), On the Theory and Measurement of Technical Change, Cambridge University Press, Cambridge, Mass.
- Chakravarti, S. (1982), Alternative Approaches to the Theory of Economic Growth, Oxford University Press, New Delhi.
- Chakravarti, S. (1987), Development Planning: The Indian Experience, Clarendon Press, Oxford.
- Chenery, H. and T.N. Srinivasan (Eds.) (1989), Handbook of Development Economics, Vols. 1 & 2, Elsevier, Amsterdam.
- Dasgupta, P. (1993), An Enquiry into Well-being and Destitution, Clarendon Press, Oxford.
- Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.
- Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.
- Grossman, G. and E. Helpman (1991), Innovation and Growth in the Global Economy, MIT Press, Cambridge, Mass.
- Higgins, B. (1959), Economic Development, W.W. Norton, New York.
- Hirschman, A.O. (1958), The Strategy of Economic Development, Yale University Press, New York.
- Kindleberger, C.P. (1977), Economic Development, (3rd Edition), McGraw Hill, New York.
- Lewis, W.A. (1955), The Theory of Economic Growth, George Allen and Unwin, London.

- Meier, G.M. and J.E.Rauch (2005), Leading Issues in Economic Development, (8th Edition), Oxford University Press, New Delhi.
- Nayyar, D. (Ed.) (1994), Industrial Growth and Stagnation: The Debate in India, Oxford University Press, New Delhi.
- Sen,A. (1983), Poverty and Famines, Oxford University Press, Oxford.
- Sen, A.K.(Ed.) (1990), Growth Economics, Penguin, Harmondsworth.
- Sen, A. (1992), Inequality Reexamined, Oxford University Press, Oxford.
- Todaro, M.P. and S.C. Smith (2003), (8th Edition), Economic Development, Pearson Education, Delhi.
- Thirlwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.

M.A. 4th Semester
Paper- 410 (Option- i)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMETRICS–II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: In this semester, the focus of the course is on using time series data and accordingly various models have been selected. The course covers various econometric methods applicable to different topics in economics and those needed for applied economic research. A module on simultaneous equation methods has been included in the course which constitutes an important tool for analysis in multivariable and even panel data in development-related studies.

Unit – I

Auto Regressive and Distributed lag Models- Koyak Model, Partial Adjust Model, Adaptive Expectations; Almon Approach to distributed- lag model; Causality tests; Granger and Sim's Test.

Unit – II

Dummy Variable Technique- Testing Structural Stability of Regression Models, Comparing two regressions, interaction effects, seasonal analysis, piecewise linear Regression; Regression with dummy dependent variables; The LPM , Logit and Probit Models.

Unit – III

Methods of Estimating Simultaneous Equation System; Indirect Least Squares (ILS), Instrumental Variables (IV) , 2SLS and 3SLS Methods. Basic idea and outline of Limited Information Maximum Likelihood (LIML), FIML & SURE Methods. Application to theory of firm – Estimation of Cobb Douglas and CES Production Functions.

Unit – IV

Time Series ; Stationarity, Unit Roots, Co-Integration, Dicky Fuller Test, Random Walk Model, Forecasting with ARIMA and VAR Models-Box Jenkins Methodology, Vector Auto Regression (VAR).

Introduction to Panel Data Methods: Problems with panel data, Pooled OLS, Random effects and fixed effects models.

Basic Reading List

- Amemiya, T. (1985), Advanced Econometrics, Harvard University Press, Cambridge, Mass.
- Baltagi, B.H. (1988), Econometrics, Springer, New York.
- Goldberger, A.S. (1998), Introductory Econometrics, Oxford University Press, New York.
- Gujarati, D.N. (1995), Basic Econometrics (2nd Edition) MC Graw Hill New Delhi.
- Intrilligator, M.D. (1978), Econometric Methods, Techniques and Applications, Prentice Hall Englewood Cliffs, New Jersey.
- Johnson J. (1991), Econometric Methods, MCGraw Hall Book Co. London
- Kmenta J. (1998), Elements of Econometrics, University of Michigan Press, NewYork.
- Koutsoyiannis, A. (1977), Theory of Econometrics, The Macmillan Press Ltd. London
- Maddala G.S.(Ed) (1993), Econometric Methods and application, Aldershot U.K.
- Pindyck R.S. and D.L. Rubinfield (1976), Econometric Models and Economic Forecasts, MCGraw Hill Kogakusha Tokyo
- Theil H. (1981), Introduction to Econometrics, Prentice Hall of India, New Delhi.
- Shyamala S., Navdeep Kaur & T. Arul Pragasam (2009) " A Text book on Econometrics Theory and Applications" Vishal Publishing Company Jalandhar.

M.A. 4th Semester
Paper-410 (Option-ii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

HISTORY OF ECONOMIC THOUGHT - II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The basic aim of the course in this semester is to acquaint the students with Institutionalism, Keynesianism and Post Keynesian developments. The thoughts of three Nobel Prize winners - Tobin, Markowitz and Myrdal - have also been taken as the modules of this paper. After studying this paper the students will be able to understand the evolution and development of body of economics in better way.

Unit-I

Institutionalism: Veblen - Theory of the leisure class, Commons; Frank Knight : Theory of Profit, Risk and Uncertainty; Schumpeter : Vision of Development and the demise of Capitalism

Unit-II

Keynesianism: Principle of Effective demand, consumption function, multiplier, investment function, liquidity preference theory of interest, role of fiscal policy, uncertainty and role of expectations.

Unit-III

Post Keynesian Developments: Hayek - Supply side economics : Arthur Laffer, Evans Monetarism : Milton Friedman, Don Patinkin - An overview of the neo classical economics: Ratex-JF Muth, Robert Lucas, Sargent and Wallace.

Unit-IV

Nobel Prize Winners in Economics: Tobin, Markowitz, Myrdal (1974)

Basic Reading List

- Blaug, M 1997, Economic Theory in retrospect, Cambridge Universitypress, Cambridge
- Da Costa,G.C:Production,Prices and Distribution(1985)TMH,NewDelhi
- Dasgupta A.K.L1985) Epochs of Economic Theory ,Oxford Univ Press,New Delhi.
- Ekelund and Hebert :A History of Economic Theory and Method(1990)McGraw Hill Publ Co.New York.
- Eatwell,John, Murray Milgate ,Peter Newman(1998):The New Palgrave _A Dictionary of Economics, Macmillan Reference Ltd.
- Ghosh and Ghosh; Concise History of Economic Thought, Himalaya.
- Gill Richard: (1972)Evolution of Modern Economics,Prentice Hall ofIndia.
- Hunt E.K : (:1990) History of Economic Thought, Wodsworth.
- Morgan M. S.(1990), A History of Economic Ideas,Cambridge UnivPress. U.K.
- Oser Jacob,and S,.Brue L 1988)The Evolution of EconomicThought,Harcourt,NY
- Puttaswamaiah K.(1995) :Nobel Economists-Lives and Contributions,Indus Publ Co.,New Delhi.
- Roll, Eric : (1973) A History of Economic Thought, Faber, London.
- Seligman B.S: (1962),Main Currents In Modern Economics,Quadrangle, Chicago 32.
- Serepanti E,and Zamagui Stefano: An Outline of Economic Thought,OUP.
- Seshadri G.B:(1997),Economic Doctrines,B.R Publ Corp., New Delhi.
- Spiegel H.W. (1971) The Growth of Economic Thought, N.C .DukeUniv,Durham.
- Vohra P. and R. Mehta: Encyclopaedia of World Great Economists,Commonwealth.

M.A. 4th Semester
Paper-410 (Option-iii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF AGRICULTURE-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The objective of this course in this semester on one side is to acquaint the students with the concepts of production, productivity, development theories of agriculture and on other side it will help the students to understand the problems of Indian agriculture. They will be able to understand the burning issues related with survival, livelihood, environmental sustainability and food security associated with our agriculture.

Unit I

Agricultural Production and Productivity

Agricultural Production- Stock and Flow Resources, Production Relationships, Resource use and efficiency; Production Functions analyses in agriculture; Factor Relationships – Isoquant and Iso Cost Line, Optimum Combination; Product Relationships – Joint Products, Competitive Products, Supplementary Products and Antagonistic Products; Diversification of Agricultural Production – Horticulture and Floriculture, Mushroom Cultivation and Processing of Agricultural Products.

Unit II

Agricultural Credit

Role of capital and rural credit; Organized and unorganized capital market; Rural savings and capital formation; Characteristics and Sources of rural credit- Institutional and non institutional; Reorganization of rural credit- cooperatives, commercial banks, regional rural banks; Role of the NABARD.

Unit III

Development Theory and Agriculture

Schultz's Transformation of Traditional Agriculture, Mellor's Model of Agricultural Development, Boserup Model of Agriculture Development, Hayami - Ruttan Induced Innovation Hypothesis.

Unit IV

Recent Agricultural Problems in India

Issues in liberalization of domestic and international trade in agriculture, Impact of the World Trade Organization on Indian Agriculture; Agriculture and Environment- Sustainable Development, Food Security and International Trade – Concept, Threat, Indicators and Mechanism to Food Security.

Basic Reading List

- Black, J.D. (1945), Introduction to Economics of Agriculture. MacMillan, New York.
- Bruce L., Gardener and Gordon C., Rausser (Eds.), Handbook of Agricultural Economics, Vol.1A, Agricultural Production, Amersterdam, Elsevier Science B.V.
- Bruce L., Gardener and Gordon C., Rausser (Eds.), Handbook of Agricultural Economics, Vol. 2B, Agricultural and Policy, Amsterdam, Elsevier Science B.V.
- Bruce L., Gardener and Gordon C., Rausser (Eds.),Handbook of Agricultural Economics, Vol.1B, Marketing, Distribution and Consumption, Amersterdam, Elsevier Science B.V.
- Bruce, L., Gardener and Gordon C., Rausser (Eds.), Handbook of Agricultural Economics, Vol.2A, Agricultural and Its External Linkages, Amsterdam, Elsevier Science B.V.
- Cohen, R.L. (1948), Economics of Agriculture, Nishet, London.
- Dantwala, M.L. et. al (1991), Indian Agricultural Development Since Independence, Oxford & IBH, New Delhi.
- Drummond H. Evan and Goodwin W. John (2006), Agricultural Economics, Pearson Education, New Delhi.
- Eicher Carl and Lawrence Witt (Eds.) (1964), Agriculture in Economic Development, New York, McGraw Hill Co.
- Forster, G.W. and Leoger, M.C. (1959), Elements of Agricultural Economics, Prentice Hall.
- Ghatak Subrata and Ken Ingersent, Agriculture and Economic Development, Harvestor Press Ltd., London.
- Goodwin, H.G. (1977), Economics of Agriculture, Reston Publiching Co.
- Gulati, A. and T. Kelly (1999), Trade Liberalisation and Indian Agriculture, Oxford University Press, New Delhi.
- Halcrow, H.G.(1981), Economics of Agriculture, McGraw Hill International Book Agency.
- Meier, G.M. (1995), Leading Issues in Economic Development, Oxford University Press, New Delhi.
- Metcaff, D. (1969), Economics of Agriculture, Harmondsworth, Penguin Books.
- Nicholls, W.H. (1964), "The Place of Agriculture in Economics Development", in Eicher, C. and Witt, L.(ed) 1964, Agriculture in Economics Development, Vora & Co. Publishers Pvt. Ltd, Bombay.
- Ojala, E.M.(1950), Agriculture and Economic Progress, Oxford University Press, London.
- Rao, C.H. Hanumantha (1994), Agricultural Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.
- Rudra, A. (1982), Indian Agricultural Economics: Myths and Reality, Allied Publishers, New Delhi.
- Southworth Herman and Bruce Johnston (eds.) (1968), Agricultural Development and Economic Growth, Cornell University Press, New York.

- Taylor, H.C.(1949), Outlines of Agriculture Economics, MacMillan, New York.

Additional Reading List

- Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, New Delhi.
- Harque, T. and A.S. Sirohi (1986), Agrarian Reforms and Institutional Changes in India, Concept Publishing Company, Delhi.
- Kumar, Rajesh (2010), India's Export in Processed Food Products : Status & Potential, an Unpublished Thesis of the Department of Economics, K.U.K.
- Lekhi, R.K. and Singh, Joginder (2010), Agricultural Economics, Kalyani Publishers, New Delhi.
- Rana, Sarita (2002), Global Marketing in Floricultural Products : Challenges and Prospects for India, an Unpublished Thesis of the Department of Economics, K.U.K.
- Rani, Vandna (2004), Economics of Mushroom Cultivation in Haryana, an Unpublished Thesis of the Department of Economics, K.U.K.
- Sadhu and Singh (1991), Agricultural Problems in India, Himalaya Publishing House, New Delhi.
- Sadhu and Singh (2002), Fundamentals of Agricultural Economics, Himalaya Publishing House, New Delhi.
- Singh, Kuldeep (2006), "Indian Agriculture Trade in Pre and Post WTO Regime : A Comparative Study", K.U.R.J.(Arts & Humanities), Vol. XL, Jan- Dec., 2006.
- Soni, R.N. (1995), Leading Issues in Agricultural Economics, Arihant Press, Jalandhar.
- Sundaram I. Satya (2009), Rural Development, Himalaya Publishing House , New Delhi.

M.A. 4th Semester
Paper-410 (Option-iv)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

WELFARE ECONOMICS – II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The focus of this paper in this semester is to acquaint with Pigovian welfare economics and other Compensation criteria to develop welfare functions. The paper develops the rationale for role of state and economic policies. The students will also learn some pragmatic techniques to implement welfare policies.

Unit-I

Pigovian welfare economics; Compensation criteria – Contributions of Barone, Kaldor and Hicks. The Scitovsky double criterion; Samuelson's utility possibility curve; Choice Functions and Revealed Preference.

Unit-II

Value judgements and welfare economics: Bergson's social welfare function, Arrow's impossibility theorem; Second-best optima.

Unit-III

Divergence between private and social costs; Problems of non-market interdependence; Externalities of production and consumption; Problem of public goods; The Role of The State.

Unit-IV

Marginal cost pricing; Cost-benefit analysis; Welfare Analysis of Risky Projects; The Value of Information and Irreversible Consequences; Welfare Theory and International Trade.

Basic Reading List

- Boadway, R.W. and Neil,B. (1984), Welfare Economics, Basil Blackwell, Oxford.
- Little, I.M.D. (1958), A critique of Welfare Economics, Oxford University Press.
- Scitovsky,T.(1958), Welfare and Competition, GOERGE ALLEN AND UNWIN LTD.
- Sen,A.(1982), Choice,Welfare and Measurement, Basil Blackwell.
- Johansson(1991),An Introduction to Modern Welfare Economics,Cambridge University Press

Additional Reading List

- Baumol, W.J. (ed.) (2001), Welfare Economics, Edward Elgar Publishing Ltd., U.K.
- Pigou, A.C. (1962), The Economics of Welfare (4th Edition), Macmillan.
- Hicks, J.R. (1956), A Revision of Demand Theory, Clarendon Press, Oxford.
- Little, I.M.D. (1949), The Foundations of Welfare Economics, Oxford Economic Papers,Vol. 1.

M.A. 4th Semester
Paper-410 (Option-v)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

INDUSTRIAL ECONOMICS - II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The students have learnt the theoretical aspects of industrial economics in earlier semester. In the present paper in this semester the focus is on industrial policy in India. The students will be able to understand the problems of Indian industry with focus on its types, finance and labour issues.

Unit-I

Industrial Policy in India – evolution and paradigm shift; Recent trends in Indian industrial growth; National manufacturing Policy 2011; MNCs, transfer of technology and issues related with TRIMS.

Unit-II

Regional industrial growth in India; Industrial economic concentration and remedial measures; MRTP and Competition Act, 2002.

Development of Cottage and Small Scale industries; Recent Policy Measures.

Unit-III

Industrial Finance; Sources of short term and long term finance; Industrial Financial Institutions: Role and functioning in India; Corporate securities; Ownership and creditorship securities.

Unit-IV

Structure of Industrial labour; Globalization and labour ; Gender Dimensions of industrial labour; Industrial legislation – Industrial Disputes Act ,1947 and Factories Act, 1948 . Industrial relations –

Worker's participation in management and Collective Bargaining; Exit policy and safety nets; Second National Commission on Labour Report.

Basic Reading List

- Ahluwalia, I.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.
- Arun Monappa- Industrial Relations,Tata Mcgraw Hill,1997.
- Barthwal, R.R. (2000), Industrial Economics, Wiley Eastern Ltd. New Delhi.
- Cherunilam, F. (1994), Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai.
- C.S. Venkata Ratnam-Industrial Relations ,Oxford University Press,2008.
- Chadha, V. and G.S. Bhalla (1999), Industrial Development in India: The Post Reform Scene, Kalyanai Publishers, New Delhi.
- Desai, B. (1999), Industrial Economy in India (3rd Edition), Himalaya Publishing House, Mumbai.
- Hajela, F.D. (1998), Labour Restructuring in India : A Critique of the New Economic Policies, Commonwealth Publishers, New Delhi.
- Government of India, Economic Survey (Annual).
- Kuchhal, S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahbad.
- Mishra &Puri-Indian Economy, Himalaya Publishing House ,2008
- Reserve Bank of India, Report on Currency and Finance (Annual).
- Ratna Sen-Industrial Relations in India Shifting Paradigms,Mcmillan,2005
- Website of Labour Ministry (Government of India)

Additional Reading List

- Bains, J.S. (1996), Industrial Organization, Cheltanham, U.K.
- Bagchi, A. and M. Banerjee (Eds.) (1979), Change and Choice in Indian Industry, Bagchi Publications, Calcutta.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing, Bombay.
- Chakravarty, S. (1987), Development Planning: The Indian Experience, Oxford University Press, New Delhi.
- Chandra, Prasanna (1995), Projects: Planning Analysis, Selection, Implementation and Review, Tata McGraw Hill Publishing Co. Ltd., New Delhi
- Harndeen, J.B. (1975), The Economics of Corporate Economy, Dunellen Publishers, New York.
- Joshi, V. and I.M.D. Little (1999), India: Macro Economics and Political Economy: 1964-1991, Oxford University Press, New Delhi.
- Jalan, B. (1996), India's Economy Policy, Viking, New Delhi.
- Kemien, M.T. and N.L. Schwartz (1982), Market Structure and Innovation, Cambridge University Press, Cambridge.
- Kelkar, V.L. and V.V. Bhnoji Rao (Eds.) (1996), India Development Policy Imperatives, Tata McGraw Hill, New Delhi.

- Mamoria and Mamoria (2000), Dynamics of Industrial Relations in India (15th Edition), Himalaya Publishing House, Mumbai.
- Sen, R. and B. Chatterjee (2001), Indian Economy: Agenda for the 21st Century (Essays in honour of Professor P.R. Brahmananda), Deep and Deep Publications Pvt. Ltd., New Delhi.

M.A. 4th Semester
Paper-410 (Option-vi)
Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

FINANCIAL MARKETS AND INSTITUTIONS-II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The students will learn about Insurance market, international finance, financial institutions and regulatory framework of financial markets in India. In this way the students shall be able to comprehend all players, processes, functions, components and instruments of Indian Financial Market as one inter-related and interdependent system. The paper shall help the students to specialize in financial markets providing broader knowledge.

Unit-I

Insurance Market

Meaning, Types and Principles of Life Insurance and General Insurance; Rationale for opening up of the Insurance to Private Sector,
Emerging Scenario in Insurance Sector in India; Main features of Working of LIC.

Unit-II

International Finance

Foreign Exchange Rate- Meaning, Types; Foreign Exchange market- Importance, Trading and Participants,
International Financial and Monetary System; Working and Functions of IMF.

Unit-III

Financial Institutions

Functions and Importance of Merchant Bankers, Functions and Types of Mutual Funds.
Meaning and Functions of NBFC's- Credit Unions, Savings and Loan Associations, Pension Funds, Finance Company, Investment Trusts, Common Trusts Fund.

Unit-IV

Regulatory Framework of Financial Institutions in India

Role, Main Features and Functions of -- Securities and Exchange Board of India(SEBI), Pension Fund Regulatory and Development Authority (PFRDA), Insurance Regulatory and Development Authority (IRDA).

Financing and refinancing institutions in India

Functions and working of Small Industries Development Bank of India (SIDBI), National Bank for Agriculture and Rural Development (NABARD), Export-Import Bank of India (EXIM) National Housing Bank (NHB).

Reading List

- Bhasin, N. (2007), Banking and Financial System India 1947-2007, New Century Publications.
- Gupta,S.K , Aggarwal,N. and Gupta,N. (2005), Financial Institutions and Markets, Kalyani Publishers.
- Khan, M.Y. Indian Financial System.
- Mishkin, F.S and Eakins,S.G.(2009) Financial Markets and Institutions, (5th Edition) Dorling Kindersley.
- Bhole, L.M. and Mahakud, J.(2009), Financial Institutions and Markets-Structure, Growth and Innovations, Tata Mcgraw Hill.
- Madura, J.(2006) Financial Institutions and Markets (7th Edition), CENGAGE Learning.
- Fabozzi, F.J, Modigliani, F. Jones,F.J.and Ferri,M.G.(2009), Foundations of Financial Markets and Institutions, Dorling Kindesley.
- Mishkin, (2013) ' The economics of Money, Banking and Financial Markets'. 7e, Pearson Publications.
- Cecchetti, S.G. and Schoenholtz, K.L.(2013) , 'Money , Banking and Financial Markets' . 3rd edition. Tata McGraw Hill Company Ltd

- Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
- Karampal, Bodla,B.S. and Garg,M.C.(2007), 'Insurance Management : Principles and Practices' Deep and Deep

- Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahbad.
- Johnson, H.J. (1993), Financial Institutions and Markets, McGraw Hill, New York.
- Machiraju, M.R. (1999), Indian Financial Systems, Vikas Publishing House, New Delhi.

- Ohlson, J.A. (1987), The Theory of Financial Markets and Institutions, North Holland, Amsterdam.
- Smith, P.F. (1978), Money and Financial Intermediation: The Theory and Structure of Financial System, Prentice Hall, Englewood-Cliffs, New Jersey.
- Chandra, P. (1997), Financial Markets, (4th Edition), Tata McGraw Hill, New Delhi.
- Machiraju, H.R. (1997), International Financial Markets in India, Wheeler Publishing, Allahbad.
- Bhatt, R.S. (1996), Unit Trust of India and Mutual Funds: A Study, UTI Institute of Capital Markets, Mumbai.
- Sahadevan, K.G. and M.T. Thiripalraju (1997), Mutual Funds, Prentice Hall of India, New Delhi.
- Goss, B.A. and B.S. Yamey (1978), The Economics of Futures Trading, Macmillan, London
- Gupta, L.C. (Ed.) (1999), India's Financial Markets and Institutions, Society for Capital Research and Development, Delhi.
- Crocker, A. (1982), International Money; Issues and Analysis, The English Language Book Society, Nelson, London.
- Niehans, J. (1994), International Monetary Economics, John Hopkins University Press, New York.
- Official websites of IMF, RBI,UTI, LIC, FMC, SEBI, PFRDA, IRDA, SIDBI, NABARD, EXIM, NHB

M.A. 4th Semester
Paper- 410 (Option-vii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS OF GENDER AND DEVELOPMENT - II

Note: (i) Nine Question will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: Following the course objective set in semester three, the modules included in this paper focus on gender specific discrimination in wage differentials, impact of technological development, ecological concerns and legislation for women.

Unit-I

Wage differential in female activities; Determinants of wage differentials: Gender, education, skill, productivity, efficiency, opportunity; Structure of wages across regions and economic sectors.

Unit-II

Impact of technological development and modernization on women's work participation in general and in various sectors such as agriculture, non-agriculture rural activities, small and cottage industries and organized industry.

Unit-III

Female activities, ecological and environmental concern: the two way relationship - Role of new technologies for helping women – Provision of information and training for simple harvesting of economic services.

Unit-IV

Review of legislation for women's entitlements, protection of property rights, social security. Gender and development indices; Mainstreaming gender into development policies; Gender-planning techniques; Gender sensitive governance.

Basic Reading List

- Boserup E. (1970), Women's Role in Economic Development, George Allen and Unwin, London.

- Desai, N. and M.K. Raj (Eds.) (1979), Women and Society in India, Research Center for Women Studies, SNDT University, Bombay
- Government of India (1974), Towards Equality – Report of the Committee on the Status of Women in India, Department of Social Welfare, Ministry of Education and Social Welfare, New Delhi.
- Krishnaraj, M., R.M. Sudarshan and A. Shariff (1999), Gender, Population and Development, Oxford University Press, New Delhi.
- Seth, M. (2000), Women and Development: The Indian Experience, Sage Publications, New Delhi.
- Srinivasan K. and A. Shariff (1998), India: Towards Population and Development Goals, Oxford University Press, New Delhi.
- Venkateswaran S. (1995), Environment, Development and the Gender Gap, Sage Publications, New Delhi.
- Wazir, R. (2000), The Gender Gap in Basic Education: NGOs as Change Agents, Sage Publications, New Delhi.

M.A. 4th Semester
Paper- 410 (Option viii)

Total Credit: 4

Time : 3 Hrs.
Max. Marks : 100
External : 80
Internal : 20

ECONOMICS AND LAW-II

Note: (i) Nine Questions will be set in all and students will be required to attempt 5 questions.

(ii) Question No. 1 will be compulsory and will consist of 8 short answer type questions of 2 marks spread over the entire syllabus (2*8=16 marks).

(iii) For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (16 marks each).

Course Objective: The present course aims to include educate the students about deeper and more obvious relationship between Law and Economics. The legal frame work acts like a net through which the decisions of the economic agents pass. Particularly the Indian Companies Act and the various regulations related with banking and financial markets have been included. The course shall make them understand the consequences of legal rules, primarily as an exercise in applied microeconomics, macroeconomics, industrial and international economics.

Unit-I

An Economic Theory of Legal Process – Reasons to Sue; Exchange of Information.

Economics of Federalism; Decentralisation and Good Governance; Law and Distribution of Income and Wealth; Taxation Laws and Efficiency.

Unit-II

Crime, Corruption and Economic Development; The Traditional Theory of Criminal law; Economic Theory of Crime and Punishment; Efficient Punishment; Economics of Addictive Drugs and Crime; Law related to Economic offences.

Unit-III

Indian Companies Act – Incorporation, Prospectus and Allotment, Share Capital and Debentures, Economics of mergers, Amalgamations and Takeovers; Role of SEBI in Securities Market Regulation.

Unit-IV

Economic Implications of Banking law in India; Role of RBI in banking regulation; Laws related to Microfinance and Financial Inclusion and their Economic Implications FEMA

National and Global Environmental Problems and International Environmental Agreements – their Legal and Economic Implications

Basic Reading List

- Bouckaert, B. and G. De Geest (Ed.) (1999), Encyclopaedia of Law & Economics, (Volume I to V), Edward Elgar, UK.
- Posner, R.A. (1998), Economic Analysis of Law, (5th edition), Little Brown, Boston.
- Oliver, J.M.(1979), Law & Economics, George Allen & Unwin, London.
- Posner, R.A. and F. Parisi (Eds.) (1997), Law & Economics, Edward Elgar, UK.
- Massey, I.P.(1995), Administrative Law, Eastren Book Company, Lucknow.
- Burrows, P. and C.G. Veljanovski (Eds.) (1981), The Economic Approach to Law, Butterworths, London.
- Zerbe, R.O. (2000), Economic Efficiency in Law & Economics, Edward Elgar, UK.
- Jain, M.P.(1990), Outlines of Indian Legal History, (5th edition), N.M. Tripathy(P) Ltd., Bombay.
- Aggarwal, V.K. (2000), Bharat's Consumer Protection (law & Practice), (4th Edition), B.L.H. Publishers Distributors Pvt. Ltd., New Delhi.
- Verma, G.P.(1993), State Liability in India : Retrospect & Prospect, Deep & Deep Publications, New Delhi.
- Apte, P.G.(1998), International Financial Management, (2nd edition), TMH, New Delhi.
- Ghosh, T.P. (1999), Buy Back of Shares, Taxmann, New Delhi.
- Horne, J.(1997), Financial Management & Policy, (10th edition), PHI, New Delhi.
- Nabhi's Manual of SEBI (Vols. I & II), NABHI, New Delhi.
- Fiorentini, G. and S. Zamagni (1999), The Economics of Corruption & Illegal Markets, Edward Elgar, UK.
- Philips L. and H.L. Votey (1981), Economics of Crime Control, SAGE, London.
- Schmidth, P. (1984), An Economic Analysis of Crime & Justice, Academic Press, Orlendo.
- Divan, S. and A. Rosencronz(2001), Environmental Law and Policy in India, (2nd edition), Oxford University Press, New Delhi.
- Gupta, K.R. (ed.) (1996), World Trade Organization (successorr to GATT) and India, Atlantic, New Delhi.
- Kumar, A.(1999), Environmental Problems, Protection and Control (Vols I and II), Anmol Publications, Delhi.
- Swanson, T.M. and S. Johnston (19990, Global Environmental Problems and International Environmental Agreements, Edward Elgar, UK.
- Cornish, W.R. (2001), Intellectual Property, 3rd edition, Universal Law Publishing, Delhi.
- Mittal, O.P.(1999), Indian Patents Law, Taxmann, New Delhi.
- Pajovich, S.(ed.) (2001), The Economics of Property Rights, Vols I & II, Edward Elgar, UK..

Dean, Faculty of Social Sciences
Kurukshetra University Kurukshetra
(Establishment by the State Legislature Act XII of 1956)

Syllabus of Optional Elective Papers, Faculty of Social Sciences
(Choice Based Credit System)
w.e.f. 2016-2017

Semester – II

Course No.	Name of the Subject/Paper	No. of Credit	Teaching Scheme (Hrs/Week)			Examination Scheme (Marks)		
			L	T	P	(Sem. Theory Exam)	Internal Assess-ment	Total
OESS-01	Indian Security Concerns	2	-	-	-	50	--	50
OESS-02	Introduction of Economics	2	-	-	-	50	--	50
OESS-03	Modern World	2	-	-	-	50	--	50
OESS-04	Human Rights in India	2	-	-	-	50	--	50
OESS-05	Indian Polity	2	-	-	-	50	--	50
OESS-06	Understanding Psychology	2	-	-	-	50	--	50
OESS-07	Indian Constitution, Social Justice and Administration	2	-	-	-	50	--	50
OESS-08	Basic of Social Work	2	-	-	-	50	--	50
OESS-09	General Sociology	2	-	-	-	50	--	50
OESS-10	Women Studies Some Contemporary Issues	2	-	-	-	50	--	50

OESS-01, Indian Security Concerns

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: The paper is aimed at to acquaint the student about the basic concepts and challenges to Indian Security.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Key Concepts of Security : National Power and National Security, Balance of Power, Regional Security, Collective Security, Comprehensive Security, Common Security, Equal Security, Non Alignment, Neutrality.

Unit-II Problems of India's Security: The Conceptual Framework- Global, Regional and Local environment and its impact on Security thinking**. –**National Security Objectives: Core Values, National Interests.

Unit –III Challenges to Indian Security: Individual, Sub – National; National, Regional and International Levels.

Unit- IV National Security Organizations in India: Higher Defence Structure in India, National Security Council, Para – Military and Civil Defence.

Suggested Readings

Gautam Sen	Conceptualizing Security for India in the 21st Century, Atlantic Publishers & Distributors, New Delhi ,2007.
Prabhakaran Paleri	National Security: Imperatives and Challenges, : Tata McGraw-Hill Pub. Co.New Delhi 2008.
J. N. Chaudri	India's Problems of National Security, United Service Institution of India, 1973
K. Subramaniam	India's Security perspectives,ABC Publishing House, 1982
Kanti P. Bajpai &	India's National Security: A Reader (Critical Issues in Harsh V.
Pant (Author, Editor) Indian Politics), Oxford 2013	
Rahul K.Bhonsle	India- Security Scope 2006: The New Great Game Kalpaz Publication, (Delhi 2006)
R.S. Yadav	Bharat Ki Videsh Niti (In Hindi), Pearson, New Delhi, 2013
R.S. Yadav &	India's Foreign Policy: Contemporary Trends, New Delhi, Shipra, 2009
R.S. Yadav (ed.)	India's Foreign Policy Towards 2000 A.D., New Delhi.
Deepak & Shrikant Paranjpe (ed.)	India' s Internal Security : Issues and Perspectives (Kalinga, New Delhi,2009)
Sujeet Samaddar.	Defence Development and National Security: Linkages in the Indian Context. (Gyan Publishing House. New Delhi 2005)

OESS – 02, Introduction to Economics

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about the basic concepts of Economics.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Micro and Macro Economics; Central Economic Problems; Features of Capitalist Economy, Socialist Economy and Mixed Economy; Role of Government in a Market Economy; Demand and Factors Affecting Demand; Supply and factors Affecting supply.

Unit-II Factors of Production; Cost Concepts; Revenue Concepts; Market Forms and their Features.

Unit-III Concept of Economic Growth and Economic Development; Human Development Index (HDI); Gender Development Index (GDI); Budget and Fiscal Deficits; Types of Unemployment; Concepts of Saving and Investment.

Unit-IV Current Account and Capital Account; Balance of Payment and Balance of Trade; Concept of Exchange Rate.

Suggested Readings

1. Thomas Sowell, "Economics – A Common Sense Guide to the Economy", Basic Books Publishers, ISBN 978-0-465-05684-2.

2. D. Begg, R. Dornbusch and S. Fischer, *Economics*, McGraw Hill.

3. James D. Gwartney, Richard L. Stroup and Dwight R. Lee, "Common Sense Economics: What Everyone Should Know About Wealth and Prosperity N. Gregory Mankiw , "Principles of Economics", Cengage Learning, USA.

OESS – 03, Modern World

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about major events of world history.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit – I Renaissance and its Impact; Reformation and its Impact; Enlightenment and Scientific Revolution; Rise of Capitalism: Mercantile Revolution; Early Colonial System and Its Consequences.

Unit-II American Revolution – Nature and Impact; French Revolution–Nature and Impact; Growth of Capitalism: Industrial Revolution; Imperialism: Origins and Consequences.

Unit – III World War-I: Origins and Consequences; Socialism and Bolshevik Revolution in Russia; Paris Peace Settlement and its Consequences; Working of League of Nations.

Unit-IV Economic Depression and its Effects; Rise of Fascism: Italy and Germany; World War-II: Origins and Consequences; United Nations Organization and World Peace; The Cold War: Origins, and Phases

Suggested Readings:

Carr, E.H.	*1917 : Before and After*
Chauhan, D. S.	*Europe Ka Itihas* (Hindi)
Chauhan, D. S.	*Samkalin Europe* (Hindi)
Dorpalen, Andreas	*Europe in the 20th Century*
Fisher, H.A.L.	*A History of Europe*
Hobsbawm, E.J.	*Age of Extremes : The Short Twentieth Century (1914-1991)*
Joll, James	*Origins of the First World War*
Parks, H.B.	*The United States of America*
Parry, J.P.	*The Age of Renaissance*
Porter, Andrew	*European Imperialism 1860-1914*
Rabb, Theodore K.	*The Struggle for Stability in Early Modern Europe*
Roberts, J.M.	*Europe 1880-1945*
Roth, J.J. (ed.)	*World War II : A Turning Point in Modern History*
Soboul, Albert	*History of the French Revolut*ion, 2 Volumes
Taylor A.J.P.	*The Struggle for Mastery in Europe*
Thompson, David	*Europe Since Napoleon*
Wiskemann, E.	*Europe of the Dictator*
Wood, Anthony	*History of Europe 1915-1960*

OESS - 04, Human Rights in India

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: The paper aims at analyzing the Provisions of Human Rights in the Indian System.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit I Historical Developments of Human Rights in India, Human Rights and Indian Constitution, Human Rights Declaration and Implications for India.

Unit II Human Rights Violence in Society; In Family; Among Caste and Religious Groups.

Unit III Role and Working of National Human Rights Commission and State Human Rights Commissions.

Unit IV Protection of Human Rights of Women, Children, Minorities etc.

Suggested Readings:

1. Bajwa, G.S., Human Rights in India: Implementation and Violations. Anmol publications : Delhi, 1995.
2. Mehta P.L., Human Rights under the Indian Constitution, Deep and Deep publications: New Delhi, 2002.
3. Venkataramiah E.S. (Ed), Human Rights in a Changing World, International Law Association: New Delhi, 1988.
4. Hingorani R.C., Human Rights in India Oxford: University of Michigan, 1985.
5. Shankar Sen, Human Rights in a Developing Society, Sage Publications: New Delhi, 2009.

OESS –05, Indian Polity

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about the basic features of Indian constitution along with its institutional arrangements.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Constitutional Foundations: Basic Features of the Indian Constitution, Preamble, Fundamental Rights, Directive Principles of State Policy.

Unit-II Union Executive and Legislature: President, Prime Minister, Council of Ministers, Parliament.

Unit –III State Executive and Legislature: Governor, Chief Minister, State Legislature.

Unit- IV Judiciary: Supreme Court, High Courts, Judicial Review, judicial Activism.

Suggested Readings

G. Austin	The Indian Constitution Cornerstone of a Nation, OLIP , Oxford, 1966
S. Kaviraj	Politics in India, OUP, Delhi, 1998
A. Kholi, (ed.)	The Success of India's Democracy, Cambridge University Press, Cambridge, 2001
R. Kothari	Politics in India, Orient Longman, New Delhi, 1970
WH Morris Jones	Government and Politics in India, BI Publications, Delhi, 1974
Neera Chandoke	Contemporary India,Pearson, New Delhi, 2012
PR Brass	Politics of India since Independence, Cambridge University Press, Cambridge, 1994.
M V Pylee	An Introduction to the Constitution of India, Vikas Publications, New Delhi, 1998
B. Chakrabarty & R K Pandey	Indian Government and Politics, Sage, New Delhi, 2008.
MP Singh & R. Saxena	Indian Politics: Constitutional Foundations and Institutional Functioning, PHI, New Delhi, 2011.

OESS – 06, Understanding Psychology

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: To provide the basic understanding about various psychological concepts and methods.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit I Psychology: Nature, Historical background and field of Psychology, Emergence of Psychology as a Science Methods: Experimental, interview, observation and case study.

Unit-II Biological bases of behavior: Cell-Structure and functions. Neuron: Structure, types and functions. Introduction to nervous system and its organization.

.**Unit-III** Learning: Nature, Types-Trial and Error, Conditioning and Insight; Memory: Nature, study methods, Factors Affecting Memory, STM and LTM; forgetting.

Unit-IV Personality: Nature, Genetic and Environmental determinants of personality. Type and Trait approach. Personality Assessment. Intelligence:Nature and Measurement.

Suggested Readings

1. Ciccarelli, S.K. & Meyer, G.E. (2006). Psychology. New Delhi: Pearson Education, Inc.

2. Leukel, F. (2002). Introduction to Physiological Psychology (IIIrd Edition). New Delhi: CBS Publishers and Distributors.

3. Atkinson, R.L., Atkinson, R.L. et. Al. (1985). Introduction to Psychology. N.Y. HBJ Publishers.

4. Singh, A.K. (2009). Uchatar Samanya Manovigyan. Delhi: Moti Lal Banarsidas.

OESS – 07, Indian Constitution, Social Justice and Administration

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: The constitution of India defines the basic objectives and functioning of the government. It has provisions for bringing about social change and defining the relationship between individual citizen and the state. It lays out certain ideals that form the basis of the kind of country that we as a citizens aspire to live in. An in-depth analysis of various basic areas of constitution is the main objective of this inter disciplinary course. This helps the students to strengthen their understanding of Indian constitution and functioning of government.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit - I Indian Constitution:

a) Nature of the Constitution salient features – Preamble
b) Fundamental Rights, Directive Principles – Fundamental Duties
c) Amendments of the Constitution: Procedure for Amendment – Emergency Provisions

Unit – II Centre – State Relations and Local Self Government

a) Distinctive features of Indian Federation
b) Legislative, Administrative and Financial relations between the Union and the States
c) Decentralization Experiments in India – 73rd and 74th Amendments and their implementation

Unit – III State Government and Social Welfare Administration

a) Governor, Chief Minister and Council of Ministers
b) Changing Nature of District Administration and the role of District Collector
c) Reservations for SC,ST and Backward classes

Unit IV Accountability & Control

a) Legislative and Executive Control
b) Judicial Control and Judicial Review
c) Right to Information Act
d) National SC and ST Commission; Women's Commission

Suggested Readings

Avasthi and Avasthi (2002), Indian Administration, Laxmi Narain Aggarwal, Agra.

Basu, D.D. (2000), Introduction to the Constitution of India, Wadhwa and Company, New Delhi.

Fadia and Fadia, Indian Administration (2002), Sahitya Bhavan Publications, Agra.

Granville Austin (1999), The Indian Constitution – Corner Stone of a Nation, OUP, New Delhi.

Maheshwari, S.R. (2001) Indian Administration, Orient Blackswan, Hyderabad

Pylee, M.V. (2009), An Introduction to the Constitution of India, Vikas, New Delhi.

Ramesh K. Arora and Rajni Goyal (2000), India Public Administration, Vishwa Parkashan, New Delhi.

Sathe, S.P. (2002), Judicial Activism in India, New Delhi: Oxford University Press.

Subhash C. Kashyap (2010), Indian Constitution: Conflicts and Controversies, Vitasta,

The Constitution of India, Government of India, 2009.

Tummala K. Krishna (1996), Public Administration in India, Allied Publications, New Delhi.

OESS – 08, Basics of Social Work

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objectives:

1. To make the students understand the conceptual framework of social work practice.
2. To make the students aware about the historical development of social work in Indian and worldwide perspective.
3. To make the students aware about reforms movements.
4. To make the students aware about the programme and services for vulnerable groups.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Social work: Meaning, nature and its scope,
Relationship of Social Work with other Social Sciences.
Goals of Social Work.
Methods of social work.

Unit-II A brief discussion of historical development of Social Work in U.K, U.S.A and India. Contribution of reform movements in 19^{th} and 20^{th} century: Brahma Samaj, Arya Samaj, Gandhian and Vinoba Bhave.

Unit-III Social work and related concepts: social service, social services, social reform, social welfare, social development.

Unit-IV Programme and services for family welfare, children welfare, women welfare, youth welfare and aged welfare at national level.

Suggested Readings

1. Dasgupta , S Ed. (1967) Towards a Philosophy of Social Works in India, Popular Book service, New Delhi.
2. Desai, Murli, (2006) Ideologies and social Work: Historical and Contemporary Analyses, Rawat Publication, New Delhi
3. Friedlander, W.A. (1964) Concepts and Methods of Social Work, Prentice-Hall. of India Pvt, Ltd. New Delhi.
4. Gore, M.S. (1965) Social Work and Social Work Education Asia Publishing House, Bombay
5. Mishra, P.D.(2004) Social Work: Profession in India, New Royal Book Company
6. Roy, Sanjay (2011 Introduction to Social Work and practice in India, Akansha Publication House New, Delhi.
7. Singh Surendra and S. P. (ed) (2005) Social Work Education Challenge and Opportunities, New Srivastava Royal Book Publications, Lucknow.
8. Shastri , R.R.(1996) Social Work tradition in India, Welfare Forum & Research Organization, Varanasi

OESS – 09, General Sociology

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about the basic concepts of Sociology.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit - I Sociology: Emergence of Sociology as a discipline in General, and in India; Pioneers of Sociology- August Comte, Emile Durkheim, Herbert Spencer and Max Weber.

Unit – II Nature, Scope and Significance of Sociology; Sociology and Other Social Sciences.

Unit – III Society, Culture, Social Group, Community, Association, Social Structure and Social System; Status and Role;

Unit - IV Social Stratification, Social Mobility, Social Control; Social Change, Socialization; Social Processes: Associative and Dissociative.

Suggested Readings

Abrahm, F.	History of Sociological Thought, OUP, New Delhi
Aron, Raymond	Main Currents in Sociological Thought (Vol. I & II), Penguin; 1965/67
Atal, Yogesh	Indian Sociology: From Where to Where, Rawat Publication, Jaipur, 2003
Bottomore, T.B.	Sociology: A Guide to Problems and Literature, George Allen and Unwin, Delhi; 1972
Davis, Kingsley	Human Society, Surjeet Publicaiton , New Delhi; 1981.
Fox, R.	Kinship and Marriage; 1963
Giddens Anthony	Sociology Oxford University Press; 1989.
Ginsberg, M.	Sociology, Surjeet Publication, New Delhi; 1979
Haralambos	Sociology: Themes and Perspectives, Bell and Hyman, London; 1985
Inkeles, A	What is Sociology, Prentice hall, New Delhi; 1987
Johnson, H.M.	Sociology: A Systematic Introduction, Allied Publishers, New Delhi; 1995
Kapadia, K.M.	Marriage and Family in India, Oxford University Press, Bombay; 1980
MacIver, R. M. and H.Page	Society –An Introductory Analysis, Macmillan, New Delhi; 1974.
Nisbet	The Sociological Tradition, Heinemann Education. Books Ltd.
Parsons, T.	The Social System, Amerind Pub. Company; 1951
Smelser, J.	Sociology, Prentice Hall, New Delhi.

OESS-10, Women's Studies: Some Contemporary Issues

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective:

1. To introduce the students to the basic concepts, terms of women's studies and contemporary issues related to women.

2. To enhance students awareness about feminism and feminist movements in India.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Gender Relations Framework, Concept of Sex and Gender, Patriarchy, Masculinity and Feminity, Gender Discrimination, Women and Work.

Unit-II Feminism and Feminist Movements in India.

Unit-III Contemporary Issues: Female Foeticide and Infanticide, Declining Sex Ratio, Domestic Violence, Sexual Harassment of Women at Workplace, Role of Community and Caste in the Contemporary Context, Honour Killings.

Unit-IV Empowerment of Women: Need, Objectives and Process, Status of Women in India

Suggested Readings

Maria Mies	Indian Women and Patriarchy Concept Publishing Company, New Delhi 1980
Agarwal, Bina	Patriarchy and the Modernizing State: An Introduction in Agarwal Bina (ed), Structures of Patriarchy, Kali for Women, New Delhi, 1988
Banks, Olive	Faces of Feminism: A Study of Feminism as a Social Movement, St. Martin's Press, New York, 1981
Bhasin and Khan	Some Questions on Feminism, Kali for Women, New Delhi, 1986
Jayawardane, Kumari	Feminism and Nationalism in the Third World, The Institute of Social Studies, The Hague, Netherlands, 1987
Bhasin, Kamala	What is Patriarchy? Kali for Women, New Delhi, 1993
Yadav, Sushma Mishra, Anil Dutt	Gender Issues in India
Raha, Manish Kumar	Matriliny to Patriliny (A Study of the Rabha Society)
Agarwal, Anurag	Female Foeticide Myth and Reality
Singh, Subhash Chandra	Gender Violence, New Delhi, Serials Publications, 2011

Dean, Faculty of Social Sciences
Kurukshetra University Kurukshetra
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Syllabus of Optional Elective Papers, Faculty of Social Sciences
(Choice Based Credit System)
w.e.f. 2016-2017

Semester – III

Course No.	Name of the Subject/Paper	No. of Credit	Teaching Scheme (Hrs/Week)			Examination Scheme (Marks)		
			L	T	P	(Sem. Theory Exam)	Internal Assess-ment	Total
OESS-11	Global Security Concerns	2	-	-	-	50	--	50
OESS-12	Indian Economic Policy	2	-	-	-	50	--	50
OESS-13	Modern India 1858-1947	2	-	-	-	50	--	50
OESS-14	Human Rights in International Relations	2	-	-	-	50	--	50
OESS-15	India and World	2	-	-	-	50	--	50
OESS-16	Application of Psychology	2	-	-	-	50	--	50
OESS-17	Civil Services in India	2	-	-	-	50	--	50
OESS-18	Methods of Social Work	2	-	-	-	50	--	50
OESS-19	Indian Society and Culture	2	-	-	-	50	--	50
OESS-20	Women and Law	2	-	-	-	50	--	50

OESS - 11, Global Security Concerns

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: This paper is aimed at to acquaint the student about the changing contours of global security issues.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks

Unit-I The Issue of Global Security in the New Century: Basic Ideas, Weapons of Mass Destruction and Global Security and International Terrorism

Unit-II End of Cold War and emergence of New World Order. Nuclear Proliferation & NPT, CTBT, MTCR, NMD.

Unit-III U.N.O. – World Peace and Security,Challenges to the UN System**:** Reform and Restructuring**.**

Unit-IV International and Regional Security Organizations**:**Military Alliances and Pacts, Peace Treaties, Defence Cooperation, Strategic Partnership and Security Dialogue.

Suggested Readings

K.P.Saksena — Reforming the United Nations (New Delhi: Sage, 1993)

M.S.Rajan — World Order and the United Nations (New Delhi: Har Anand, 1995)

P. M. Kamath — Reforming and Restructuring the United Nations, New Delhi, AnamikaPublishers & Distributors (P) Ltd, 2007.

Ramesh Thakur — Global Governance and the UN: An Unfinished Journey, Indiana University Press, 2010

Rumki Basu — The United Nations: Structures and Functions of an International Organization, New Delhi: Sterling Publishers Pvt. Ltd., 1994.

Sean Kay — Global Security in the Twenty-First Century: The Quest for Power and the Search for Peace,Rowman & Littlefield,2015

Stephen Aris, Wenger (Editors) and Andreas — Regional Organisations and Security : Conceptions and Practices, Taylor & Francis, 2015

SJR Bilgrami — International Organination, (New Delhi: Vikas, 1983)

Sugatha Ramcharrit — United nations and World Politics (New Delhi: Kaniksha, 1998)

Thomas G. Weiss & Ramesh Thakur — The United Nations, Peace and Security: From Collective Security to the Responsibility to Protect, Cambridge University Press, 2006

Vincent Pouliot — International Security in Practice: The Politics of NATO-Russia Diplomacy, Cambridge University press, 2010

Werner Feld, Robert Jordan and Leon Hurwitz, eds., — International Organizations: A Comparative Approach, Praeger, Michigan, 1988.

OESS-12, Indian Economic Policy

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about the status of Indian economy with regard to national income, poverty, fiscal and monetary policy, agriculture and industrial sector and banking.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Basic Features of Indian Economy in Present Times; Basic Concepts in National Income; Poverty Alleviation Programmes in India

Unit-II Direct Taxes and Indirect Taxes - Types, Merits and Demerits; Fiscal Policy and its Instruments; Causes of Inflation in India

Unit-III Role of Agricultural Sector in India; Role of Industrial Sector in India; Role of Service Sector in India; Liberalisation, Privatisation and Globalisation - Concepts Only

Unit-IV Money and its Functions; Commercial Banks and their Functions; Functions of RBI; Monetary Policy and its Instruments

Suggested Readings

1. Mishra and Puri, “Indian Economy”, Himalaya Publications.
2. Uma Kapila, “Indian Economy- Performance and Policies”, Academic Foundation.
3. R.R.Paul, “Monetary Economics”, Kalyani Publishers.
4. Uma Kapila , “Indian Economy since Independence”, Academic Foundation.
5. Latest Economic Survey of GOI.
6. Latest Union Budget.

OESS – 13, Modern India 1858-1947

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about the major activities of the freedom movement since 1857.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit– I Nature of the British Colonial State and Government; Land Revenue Administration; Civil and Judicial Administration – Indian Civil Services and Bureaucracy; Relations with the Princely States

Unit – II Capitalist Change and Emergence of the New Social Order; Cultural Renaissance; Emergence of Indian Nationalism; Founding of Indian National Congress; The Moderates and the Extremists: Ideology and Politics; Rise of the Revolutionary Movement

Unit – III Founding of the Muslim League and its Politics; The Home Rule Movement; Emergence of Mahatma Gandhi: Non Cooperation Movement, Civil-Disobedience Movement and Quiet India Movement; Subhas Chandra Bose and Indian National Army

Unit – IV Rise of the Left Wing in Indian Politics; Round Table Conference and the Conclusion of Poona Pact; Congress Socialist Party; Rise of the Demand of Pakistan; Cripps Mission, Cabinet Mission and Mountbatten Plan: Partition and Independence

Suggested Readings

Agrow, D.	*Moderates and Extremists in the Indian National Movement*
Bipan Chandra	*Rise and Growth of Economic Nationalism in India*
Bipan Chandra	*Colonialism and Nationalism in India*
Bipan Chandra et. al.	*India's Struggle for Independence*
Brown, Judith	*Gandhi's Rise to Power: Indian Politics 1915-22*
Desai, A.R.	*Social Background of Indian Nationalism*
Dube, S.C.	*Contemporary India and its Modernization*
Dutt, R.C.	*Economic History of India,* Vols. I & II
Guha, Ranjit (ed.)	*Subaltern Studies,* Vols. I – XI
Gupta, M.N.	*History of the Revolutionary Movement in India*

Hasan, Mushirul	*India's Partition : Process, Strategy and Mobilization*
Hasan, Mushirul	*Nationalism and Communal Politics in India 1916-1928*
Joshi, Shashi and Bhagwan Josh	*Struggle for Hegemony in India,* Vols. I-III
Low, D.A. (ed.)	*Congress and the Raj : Facets of the Indian Struggle 1917-1947*
Majumdar, R.C.	*History of the Freedom Movement in India,* Vols. I-IV
Majumdar, R.C. (ed.)	*British Paramountey and Indian Renaissance,* Vols. IX & X
Mehrotra, S.R.	*The Emergence of the Indian National Congress*
Mishra, Girish	*Adhunik Bharat Ka Aarthik Itihas* (Hindi)
Moon, Penderal	*Divide and Quit*
Nanda, B.R.	*Gandhi and his Critics*
Page, David	*Prelude to Partition*
Pannikar, K.N.	*National and Left Movements in India*
Pavlov, V.I.	*The Indian Capitalist Class : A Historical Study*
Roy, Satya Murti (ed.)	*Bharat Mein Upniveshvad Evam Rashtravad* (Hindi)
Sarkar, Sumit	*Modern India 1885-1947*
Shankar, Girija	*The Socialist Trend in the Indian National Congress*
Shukla, R.L. (ed.)	*Adhunik Bharat Ka Itihas* (Hindi)
Singh, L.P.	*The Left Wing in India*
Sitaramayya, P.	*History of the Indian National Congress,* Vols. I-III
Tara Chand	*History of the Freedom Movement in India,* Vols. I-IV
Tomlinson, B.R.	*Economy of Modern India 1860-1970*

OESS-14, Human Rights in International Relations

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: The paper aims to acquaint the student regarding international concern for Human Rights as well as International Mechanisms for protection of Human Rights.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit I Meaning and Nature of Human Rights, United Nations Charter on Human Rights, Universal Declaration on Human Rights and Three Generations of Human Rights

Unit II Nature and Scope of Human Rights in Developed and Developing Countries.

Unit III Working and Role of The United Nations Commission of Human Rights and UN High commission for Refugees.

Unit IV Human Rights Watch Organization/Insitutions – Amnesty International Organization and Transparency International.

Suggested Readings

1. Resurrect RC, KA, Human Rights, Sherides Book Company: New Delhi, 1995
2. Nagendra Singh, Enforcement of Human Rights, Eastern Law House:Calcutta, 1986.
3. Agarwal, H.O, Implementation of Human Rights Corners with special refrence to India, DK Publishers:New Delhi, 1993.

OESS- 15, India and World

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about India's Foreign policy and role in global order.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Meaning, Nature, Determinants and Making of India's Foreign Policy.

Unit-II India's Relations with Major Powers: USA, USSR & Russia.

Unit-III India and its Neighbors: China, Pakistan, small Neighbours, and SAARC.

Unit-IV India's Nuclear Policy, India and the United Nations, India and NAM.

Suggested Readings

R.S. Yadav Bharat Ki Videsh Niti (In Hindi), Pearson , New Delhi, 2013

R.S. Yadav & Suresh Dhanda, eds India's Foreign Policy : Contemporary Trends, New Delhi, Shipra, 2009

R.S. Yadav (ed.) India's Foreign Policy Towards 2000 A.D., New Delhi, Deepak & Deep, 1993

J. Bandhopahdyaya The Making of India's Foreign Policy, Calcutta, Allied , 1979

N.K Jha (ed.) India's Foreign Policy in a Changing World , New Delhi, South Asian Publishers, 2000

C. Raja Mohan Crossing The Rubicon : The shaping of India's New Foreign Policy, New Delhi, Viking , 2003

N S. Sisodida & Bhaskar, eds Emerging India : Security and Foreign Policy perspective, New Delhi C Uday Promilla, 2007

Rajen Harshe & eds, Engaging With the World : Critical Reflections on India's Foreign KM. Sethi, Policy, New Delhi, Orient Longman, 2005

Anand Mathur & Sohan Lal Meena, eds India Profile in Polycentric world orders, Jaipur, RBSA, 2008

Jayanta Kumar Roy India's Foreign Relations, 1947-2007, Routledge, New Delhi, 2011.

Anjali Ghosh, et al. India's Foreign Policy Person, New Delhi, 2012.

OESS – 16, Application of Psychology

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: To provide the basic knowledge about the application of psychology in difference field.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Abnormal behavior: Nature, criteria of abnormality. Types of mental disorders: Anxiety based and Psychosomatic disorders. Mental Retardation.

Unit-II Counselling: Nature, need and types: Directive and Non-Directive approaches. Application of counseling: counseling for emotional problems of adolescents, counseling of delinquants, and victims of substance abuse.

Unit-III Industrial and Organizational Behavior: Nature, micro and macro approaches/ behaviors. Work Motivation, Communication, decision making, conflict resolution. Selection and Placement in organizations.

Unit-IV Application of psychology in understanding the problems of Population, Deprivation, Criminal Behavior; Issue of minority groups.

Suggested Readings

1. Gelso, C.J. & Fretz, B.R. (2000). Counselling Psychology (2nd Ed.). London: Wadsworth

2. Rao, S.N. (2001). Counselling Psychology. New Delhi: Tata Mc Graw-Hill.

3. Carson, R.C., Butcher, T.N. , & Susan, M. (2001). Abnormal Psychology and Modern Life. New York: Harper Collins.

4. Blum, M.L. & Naylor, J.C. (1984). Industrial Psychology: Its theoretical and social foundations. New Delhi: CBS Publishers.

OESS – 17, Civil Services in India

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: The term 'civil services' covers the large number of permanent officials required to run the machinery of government. The core of parliamentary government, which we have adopted in India, is that the ultimate responsibility for running the administration rests with the elected representatives of the people. Ministers lay down the policy and it is for the civil servants to carry out this policy. The interdisciplinary course aims to present an overview of the structure, trends and issues related to the civil services in India.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit – I Civil Services: Concept and Evolution

a) Concept, Significance and Evolution of Civil Services.
b) Classification of Civil services (All India Services, Central Services, State Services and Local Services)
c) Union Public Service Commission and other Service Commissions

Unit – II Bureaucracy

a) Concept of Bureaucracy – Historical Evolution
b) Civil Service: Neutrality and Commitment
c) Relationship between Politicians and Civil Servants

Unit – III Public Personnel Administration

a) Recruitment: Methods and significance
b) Training of Public Servants in India – Promotion System in India
c) Disciplinary Procedure for Civil Servants

Unit – IV Civil Services – Citizenry Interface

a) Civil Society and Administration
b) Technology and Changing Nature of Public Services
c) Ethics and Accountability
d) Civil Service Reforms – IInd ARC Recommendations
e) Civil Services in the context of Globalization

Suggested Readings

Armstrong, Michael (200&09, A Handbook of Human Resource Management Practice, Kogan Page, London.

Aswathappa K. (2013), Human Resource Management: Text and Cases, McGraw Hill, New Delhi.

Farazmand, Ali (1994), Hand of Bureaucracy, Taylor & Francis, New York.

Flippo Edvin B., (1976), Principles of Personnel Management, McGraw Hill

Goel, S.L. & Rajneesh, Shalini (2003), Public Personnel Administration, Deep & Deep, New Delhi.

Government of India, Second ARC, Tenth Report on 'Refurbishing of Personnel Administration.

Jack Robin, et al (eds) (1994), Handbook of Public Personnel Administration, Taylor & Francis, New York.

Jain, R.B. (1994), Aspects of Personnel Administration, IIPA, New Delhi.

Maheshwari Sriram (2005), Public Administration in India: The higher Civil Service, Oxford University Press, New Delhi.

Naff, Katherine C., Norma M. Riccucci, (2014), Personnel Management in Government: Politics and Process (Seventh Edition), CRC Taylor & Francis, New York.

Riccucci, Norma(2007), Public Personnel Administration and Labor Relations, M.E. Sharpe, New York.

Shafritz Jay M et.al. (2001), Personnel Management in Government, Marcel Dekker, New York.

Stahl O. Glenn (1983), Public Personnel Administration, Harper & Row.

Tead, Ordway (1920), Personnel Administration, University of California Libraries.

OESS – 18, Methods of Social Work

Objectives:

1. To equip learners with theoretical knowledge for working with individuals and families and community.
2. To understand the basic elements of community organization and social action.
3. To develop conceptual understanding of administrative matters in the area of welfare and development.
4. Develop an understanding of scientific approach to human and its process and conduct simple research projects/exercises.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit- I Social Case Work: concept, meaning, basic assumptions, objectives, Principles, process of Social Case Work.

Unit-II Social Group Work: concept, meaning, basics assumptions, objectives, principles and process of Social Group work.

Unit-III Community Organization: concept, meaning, basic assumptions, objectives, principles and process of Community Organization.
Social Action: concepts, meaning, principles, types.

Unit-IV Social Welfare Administration: concept, meaning, functions, principles.
Social Work Research : concepts, nature and steps.

Suggested Readings

1. Bhattacharya, Sanjai.2006 Social Work Administration and Development, Rawat Publications, Jaipur.
2. Florence, H.1964 Case Work: A Psycho social therapy, Random House, New York.
3. Goldstein, H.1970 Social Work Practice: A Unitary Approach, Carolina: University. of S.Carolina Press.
4. Grace, Mathew, 1992 Introduction to School Case Work, Tata Institute of Social Sciences, Mumbai
5. Mishra, P.D.1985 Samajik Vijyaktik Sewa Karya (Hindi) Uttar Pradesh Hindi. Sansthan, Lucknow.

6. Perlman, 1957 — Social Case Work-A Problem solving Process, Chicago: The University of Chicago Press, V Impression.

7. Pathak, S.H. 1966 — Records in Social Case Work, Delhi School of Social Work, Delhi

8. Ross M.G.1955 — Community Organisation: Theory, Principles and Practice, New York: Harper and Brothers.

9.Siddiqui H.Y.2005 — Group Work, theories and Practice, Rawat Publication New Delhi.

.10. Siddiqui, H.Y.1997 — Working with Communities: An Introduction to Community Work, New Dehli, Hira Publications.

11. Trecker, Harleigh, B.1990 — Social Group Work: Principles and Practice, New York: Association Press.

12.Upadhyay, R.K. 2003 — Social Case Work, Rawat Publications, New Delhi, Jaipur.

13. Upadhyay, R.K. 1991 — Samajik Vijyaktik Karya (Hindi) Haryana Sahitaya Academy, C handigarh.

14.Upadhyay, R.K. 1993 — Indian Philosophical Concepts in Clinical Social work, Kurukshetra Press, Kurukshetra

OESS – 19, Indian Society and Culture

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective: Paper aims to acquaint the student about the basic of Indian Society and its cultural moorings.

Note:- Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit - I Indian Society: Historical Moorings of Indian Society, Indian Social Structure

Unit-II Modernity and Tradition, factors Contributing to the Diversity and Unity of Indian Society; Caste and class; Recent Scenario.

Unit – III Social Institutions: Marriage, Family, Kinship, Religion

Unit – IV Social Problems & Challenges: Communalism, Poverty, Violence against women, Child Abuse, Sex ratio.

Suggested Readings

Ahuja, Ram	Indian Social System, Jaipur; Rawat Publication, 1993.
Ahuja, Ram	Social Problem in India, Jaipur; Rawat Publication, 1997.
Dube, S.C.	Indian Society: National Book Trust, New Delhi; 1986
Dumont, L.	Homo Hierarchicus: The Caste System and Its Implications; University of Chicago Press, 1981.
Ghurye, G.S.	Caste and Class in India: Popular Prakashan, Bombay; 1969
Irawati Karve	Family, Kinship and Marriage in India, New Delhi. OUP
Kapadia, K.M .	Marriage and Family in India: Oxford University Press, Bombay; 1960
Mandelbaum, D.G.	Society in India: Popular Prakashan, Bombay; 1972
Majumdar & Madan	An Introduction to Social Anthropology: Asia Publication House, Bombay; 1966
Momin, A.R.	The Legacy of G.S. Ghurye: A Centennial festschrift, Popular Prakashan, Bombay; 1996
Patel, Tulsi (Ed.)	*Bharat Mein Parivar: Sanrachna evam Vyahvahar*, New Delhi; Rawat/Sage Publication, 2011
Prabhu, P.H.	Hindu Social Organization: Popular Parkashan, Bombay; 1963
Sharma, K.L.	Essays on Social Stratification, Rawat Publication, Jaipur; 1980
Singh, Yogendra.	Modernization of Indian Tradition: Thomson press, Faridabad; 1973
Singer & Cohn	Structure and Change in Indian Society: Aldine Publishing Co. Chicago; 1968
Srinivas, M.N.	India Social Structure: New Delhi, Hindustan Publishing Corp. 1980

Srinivas & Shah — Hinduism in International Encyclopedia of Social Science, Meerut; 1970

Srinivas, M.N. — Caste in Modern India and other Essays, Asian Publishing House, Bombay; 1966

OESS – 20, Women and Law

Maximum Marks – 50 (Two Credits)
Time – 2 Hours

Objective:

1. To create awareness among the students about the legal measures provided in the Indian constitution for safeguarding women's interests.

2. To aquaint the learner with various legal provisions for women.

Note: Attempt any four questions out of the eight questions. All questions carry equal marks.

Unit-I Constitution of India and Gender Equality:
Fundamental Rights, Directive Principles, Fundamental Duties, Public Interest Litigation (Art 32,226)

Unit-II National Commission for Women Act, 1990, Criminal Law Amendment Act, 2013, Indian Penal Code (Rape, Kidnapping & Abduction, Cruelty to Wife, Dowry Death)

Unit-III Hindu Marriage Act: Marriage, Divorce, Maintenance
Muslim Law: Marriage, Divorce, Maintenance
Property Rights

Unit-IV Medical Termination of Pregnancy Act, 1971, PC & PNDT Act, 2003, Domestic Violence Act, 2005, Dowry Prohibition Act, 1961, Sexual Harassment of Women at Workplace, 2013

Suggested Readings

Dr. T. Bhattacharya	Indian Penal Code, Central Law Agency, Allahabad.
Dr. Devinder Singh	Human Rights and Women and Law, Allahabad Law Agency, Faridabad.
Shobha Saxena	Crimes Against Women and Protective Laws, Deep & Deep Publication, New Delhi.
Narender Kumar	Constitutional Law of India, Allahabad Law Agency, 2006.
V.K. Shukla	Constitution Laws of India, Revised by Mahendra P. Singh, Eastern Book Company, Lucknow.
Justice A.S. Anand	Justice for Women-Concerns and Expressions, Universal Law Publishing Co. Pvt. Ltd., Delhi.
Diwan Paras	Family Law, (Law of Marriage and Divorce in India), Sterling Publishers Pvt. Ltd., New Delhi, 1983.
Chavan, Nandini, Qutub Jehan Kidwai	Personal Law Reforms and Gender Empowerment, Hope. India Publication, Gurgaon, 2006.