

B.Sc./B.A.- Semester-I

Paper –I Micro Economics- I

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit - I

Introduction

Nature and scope of economics, Methods of Economic Analysis – Inductive and Deductive, Static and Dynamic analysis, Choice as an economic problem, Role of price mechanism. Concept of Equilibrium. Law of demand. Elasticity of demand and its measurement.

Unit - II

Consumer's Behaviour

Utility - Cardinal (law of diminishing marginal utility and Law of equi marginal utility) and Ordinal (Indifference curve) approaches, Normal, Inferior and Giffin goods, Consumer's equilibrium (Hicks and Slutsky), Derivation of Demand Curve from PCC, price, Income and Substitution effect.

Unit - III

Theory of Costs and Elasticity

Different concepts of cost and revenue curves and their interrelationship, Expansion path. Consumer's surplus.

Theory of Production

Production function, Iso-quant curve, Optimum factor combination, law of variable proportions and Law of Returns to scale.

REQUIRED READINGS:

Ahuja ,H.L.: Principles of Economics, S. Chand and Company, New Delhi.

Savator, Dominick: Micro Economics- Theory and Application, Oxford University Press.2008.

Nathuramka ,L.N. : Vyashti Arthesashtra, C.B.H., Jaipur.

Koutsoyiannis, A. (1990), Modern Microeconomics, macmillan.

B.Sc./B.A.- Semester-I

Paper –II Indian Economy -I

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit –I

Introduction: Characteristics and main features of Indian Economy, Natural resources:land,water,minerals ,forest,and power resources. Population : Size and growth of population, sex composition, labour force, occupational distribution and Population Policy, Human resources development indicators (i.e. literacy, health, nutrition etc.)

Unit –II

Main features of Indian agriculture: Importance, Nature and Role of agriculture in Indian Economy. Productivity trends of major crops (for last fifteen years)in India, Recent Measures for Agricultural Development relating to Irrigation, Finance and Marketing . New Agricultural Strategy and Modernization of Agriculture.Agriculture policy in India,Capital formation in Indian agriculture,

Unit –III

Land reform Legislation. Uses of fertilization and fertilization policy. Problems of poverty and Regional inequality in India

Economy of Rajasthan : Salient Features of Rajasthan's Economy, population,Human resources development indicators (i.e.literacy,health,nutrition etc.) , per capita income.

Natural resources : Land,water,livestock and minerals.

REQUIRED READINGS:

Dutt, Ruddar and sundharam, KPM : Indian Economy S. Chand , New Delhi.

L.N.Nathuramka ; Bhartiya Arthvyavstha, C.B.H., Jaipur.

B.Sc./B.A.- Semester-II

Paper –I Micro Economics -II

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit - I

Market Structure

Types of market, Equilibrium of a firm under perfect competition, monopoly and price discrimination, Measure of monopoly power, Monopolistic competition and oligopoly .

Unit - II

Factor Pricing

Marginal productivity theory of distribution : Modern theory of wage, Wages and collective bargaining, Wage differentials; Rent – Richardian & Modern theory.

Unit - III

Factor Pricing

Profits - Innovation, Risk and uncertainty theories. Interest – Classical and Keynesian theories,

Welfare Economics

Problems in measuring welfare; Classical welfare economics; Pareto's criteria(Production, Consumption and Distribution)

REQUIRED READINGS:

Ahuja ,H.L.: Principles of Economics, S. Chand and Company, New Delhi.

Savator, Dominick: Micro Economics- Theory and Application, Oxford University Press.2008.

Nathuramka ,L.N. : Vyashti Arthesashtra, C.B.H., Jaipur.

Koutsoyiannis, A. (1990), Modern Microeconomics, macmillan.

B.Sc./B.A.- Semester-II

Paper –II Indian Economy -II

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit –I

Industry: role, strategy & challenges in India. Small scale and Cottage Industries-Problems and Measures for their Development, Public & private sector industry. Industrial finance.-role of financial institutions & commercial banks. Problem of trade union movement :social security programme. Industrial policy-pre & post reform period, recent industrial policy, New economic policy Disinvestment in public sector undertakings.

Unit –II

Indian foreign trade : Value , Structure and direction , Foreign trade policy of India. Foreign investment trends & its role in economic development in India .Planning in India : Objectives of five year plans, Review of economic progress under the plans. Latest five year plan.

Unit –III

Problem of unemployment & inflation in India. Rural development programmes and policy; Sectoral reforms in infrastructure after 1991- power, communication ,education& health sectors; Globalization and strategies for MNCs. Economy of Rajasthan: Position of Agriculture, Industries & Infrastructure in Rajasthan. Constraints in economic development in Rajasthan & measures to overcome them.

REQUIRED READINGS:

Dutt, Rudrar and Sundharam, KPM : Indian Economy S. Chand , New Delhi.

L.N.Nathuramka ; Bhartiya Arthvyavस्था, C.B.H., Jaipur.

B.Sc/B.A. - Semester-III

Paper –I Macro Economics -I

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit -I

Introduction to Macro Economics: Meaning, Scope, Importance and Limitations; Basic Concept(Constant and variables , Dependent and Independent variable, Stock and flow, ex-ante and ex- Post variable) Difference between Macro and Micro Economics. Money (definition, various standards) and Price: concept of Money supply and its determinants, Value of Money and its Measurement with Index Numbers.

Unit -II

National Income: concepts relating National Product/National Income, Measurement of National Income, National Income and Economic Welfare ,Circular flow of Income -Injection and leakages,Quantity Theory of Money: Transection, cash- balance and keynesian approach ,

Unit -III

Determinants of National Income- Consumption Function; Simple Keynesian consumption Function: Factors affecting saving – Consumption:, Investment Function: Meaning, Determination of level of Investment; Equality between saving and Investment.

REQUIRED READINGS:

K.C Rana and K.N. Verma, Macroeconomic Analysis,Vishal Publishing Company, Jalandhar, Latest Edition (English & Hindi) .

H. L. Ahuja, Advanced Macroeconomic Theory, S. Chand and Co., Delhi, Latest Edition (English & Hindi) .

Deepashree and Vanita Agarwal, Macroeconomics, Tata McGraw-Hill Education, New Delhi, 3rd Edition, Reprint 2010.

B.Sc/B.A. - Semester-III

Paper –II (Opt.a) Elementary Statistics

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit - I

Meaning, uses and limitations of statistics, Collection of Statistics Data- Census and sample investigation, classification and presentation of Data- Statistics Tables, Graphs, Frequency Distribution, Diagrams. Measures of Central Tendency: Arithmetic Mean, Median, Mode,

Unit - II

Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation and Co-efficient of Variation

Simple Correlation: Karl Pearson's Correlation co-efficient and Spearman's rank correlation

Unit -III

Linear Regressions analysis (Simple two variable). Index numbers: cost of living index number, fisher's ideal index. Analysis of Time series: components and trends by moving average method and least square method. Determination of seasonal variation. Interpolation – Newton's and Binomial method

REQUIRED READINGS:

S. P. Gupta, Statistical Methods, Sultan Chand And Sons, Naw Delhi.

Kailash Nath Nager, Sankhiki ke mool tatva, Meenakshi Prakashan, Merut.

B.Sc/B.A. - Semester-III

Paper –II (Opt.b) History of Economic Thought-I

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit I

Mercantilism, Physiocrates, Quesnay's Table Economic. Concept of Surplus, growth theory of taxation and role of Government.

Classical school – Adam Smith, the invisible hand doctrine, Wealth of Nations, Laissez faire. Profits and wages. Modern revival of Adam Smith, Critiques of Adam Smith.

Unit II

Malthus's theory of population and theory of under-competition. Ricardo-Principles of Political Economy and Taxation. Distribution theory – different rents.

Unit III

Critiques of the classical school – Sismondi, Socialist and the nationalist school Re-statement of the classical position. Senior and the four postulates. J.S. Mill-four prepositions and capital demand and supply bi-furcation wage fund

REQUIRED READINGS:

H. Haney: History of Economic Thought.

Eric Roll: History of Economic Thought.

Gide and Rist: History of Economic Doctrine

V. C. Sinha: Arthik Vicharon Ka Itihas

K.L. Rangaswami: Aivangar: Aspect of the ancient Economic Thought.

J. C. Kumarappa: Gandhian economic Thought.

B.Sc/B.A. - Semester-IV

Paper –I Macro Economics -II

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit –I

Complete Classical model of employment and income, Say's Law of Market, Keynesian model of employment and income (with out IS – LM curves). Aggregate demand and aggregate supply, Relevance of keynesian theory in developing economy.

Unit –II

Concept of Multiplier(investment, complex, Govt, expenditure, tax, transfer payment, balanced budget and foreign trade) and accelerator. The causes of inflation, level of prices and the value of money, The Fisher effect, the cost of Inflation. Characteristics of a monetary economy; the demand for money; the supply of money and Overall liquidity position. Monetary policy of India.

Unit –III

Theory of trade cycle, Hicks and Samuelson theory of trade cycle, modern theory of trade cycle and causes and remedial measures. Functions of Central bank with special reference to India, Function and contribution of commercial bank, Multiple Credit Creation, Banking reforms after 1991.

REQUIRED READINGS:

K.C. Rana and K.N. Verma, Macroeconomic Analysis, Vishal Publishing Company, Jalandhar. Latest Edition (English & Hindi) .

H. L. Ahuja, Advanced Macroeconomic Theory, S. Chand and Co., Delhi, Latest Edition (English & Hindi) .

Deepashree and Vanita Agarwal, Macroeconomics, Tata McGraw-Hill Education, New Delhi, 3rd Edition, Reprint 2010.

B.Sc./B.A. - Semester-IV

Paper –II (Opt.b) History of Economic Thought-II

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit -I

Rehabilitation by Cairness, Stationery State Version non-competing groups.

Evaluation of socialist thought – Utopain, Socialism Saint Simon, Own Blane, Fourier, Proudhub, Scientific socialist.

Unit -II

Karl Mark – Efforts at scientific socialism. Organic composition of capital. Break down of capitalism. Revival of Mark in Economics. The German Historical School and the development of Marginalism. The neo-classical school. Marshall.

Unit III

Twentieth century economic thought-main features (only the rise of Keynesianism, the rise of mathematical Economics, dynamics and econometrics) Critical evaluation of the development of economic thought Indian economic thought – Kautiya and Gandhi.

REQUIRED READINGS:

H. Haney: History of Economic Thought.

Eric Roll: History of Economic Thought.

Gide and Rist: History of Economic Doctrine

V. C. Sinha: Arthik Vicharon Ka Itihas

K.L. Rangaswami: Aiavangar: Aspect of the ancient Economic Thought.

J. C. Kumarappa: Gandhian economic Thought.

B.Sc./B.A. - Semester-IV

Paper –II (Opt.a) Basic Mathematics For Economics

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit -I

Simultaneous and Quadratic Equations Arithmetic and Geometric Progressions, Logarithms , Concept of Functions.

Unit -II

Linear programming formulation and graphical Solution, determinants and matrix solution of simultaneous equation by cramer's rule.

Unit -III

Simple differentiation , Partial differentiation of function involving two independent variable and their applications in economics ,Maxima and Minima with and without constraints, Integration - one variable case . Definite integrals,Application of integral calculus in economics.

REQUIRED READINGS:

B.C. Mehta and G.M.K. Madnani, Elementary Mathematics for use in Economics, Laxmi Narayan Agrawal, Agra.

L.N.Nathuramka, Arthashstra mein Ganit Ke Prayog, C.B.H. Jaipur.

B.Sc/B.A. - Semester-V

Paper - I International Trade and Development Economics

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit-I

Features of International Trade. Gains from Trade. Trade Theories – Adam Smith, Ricardo, Haberler, Mill and H- O Theory (Elementary Treatment).

Unit-II

Free Trade and Protection. Foreign Exchange Market and Exchange rate. Balance of Trade and Balance of Payment – Definition and Structure. WTO – Scope and Impact.

Unit-III

Economic Growth and Development – Factor Affecting Economic Growth. Development and Underdevelopment. Measures of Development. Lewis Theory of Unlimited Supply of Labour. Balanced V/S Unbalanced Growth Model. Harrod – Domar & Solow's Model.

REQUIRED READINGS:

1. D. Salvatore : International Economics, John Wiley and Sons.
2. K. C. Rana and K. N. Verma : International Economics. (Hindi/English edition) Vishal Publishing Company, Delhi.
3. B. O. Soderston & G. Reed: International Economics, Palgrave Macmillan.
4. Michael P. Todaro, Economic Development, Pearson Education.
5. A. P. Thirwal, Growth and Development, Macmillan.
6. Debraj Raj, Development Economics, Oxford University Press.
7. S. K. Mishra and V. K. Puri, Economics of Development and Planning – Theory and Practice, Himalaya Publishing House.

B.Sc/B.A. - Semester-V

Paper –II (Opt. a) Application of mathematics in economics -I

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit-I

Differential Calculus and Integral Calculus: Applications in Economics; Matrix and Determinants; Solution of Simultaneous Equations; Maxima and Minima; Convexity and Concavity.

Theory of Consumer Behaviour: Nature of a Utility Function; Properties of an Indifference Curve, Maximization of Utility. Demand Functions- Ordinary and Compensated,

Unit-II

Price and Income Elasticity, Elasticity Relations in Demand Analysis, Slutsky Equation in two Commodity Case, Elasticity Form and Important Results; Income and Leisure - Derivation of Labour Supply Function and its Properties.

Unit-III

Theory of Firm: Production Function- Properties of a Well Behaved and Homogeneous Production Functions -Cobb-Douglas and CES Production Functions; Product Curves; Output Elasticity of Factor Input; Properties of an Isoquant; Elasticity of Substitution of a Homogeneous Production Function- Linearly Homogeneous and Cobb-Douglas Production Functions;

REQUIRED READINGS:

1. J.M. Henderson and R.L. Quandt: Micro Economic Theory: A Mathematical Approach, McGraw-Hill. London.
2. RGD Allen, Mathematical Economics, McMillan
3. B.C. Mehta: Mathematical Economics: Micro Economic Models, Sultan Chand & Sons, New Delhi.
4. Alpha C Chiang: Fundamental Methods of Mathematical Economics, McGraw-Hill, Kagakusha, Tokyo.

B.Sc/B.A. - Semester-V

Paper – II (Opt. b) Environmental Economics-I

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit-I

Environmental Economics: Meaning, Nature, Scope and Significance; Economic Development and the Environment;

Unit-II

Common Property Resources and their Depletion, Ecosystems – Loss of Biodiversity; Sustainable Development; Environmental Problems of Industrial Development: Water Pollution, Air Pollution, Noise Pollution ; Depletion of Ozone Layer- Carbon Credit;

Unit-III

Environmental Problems of Agricultural Development- Salinity, Water Logging, Desertification of Land ; Excess Use of Water, Fertilizers and Pesticides, Farm Implements Cropping Pattern; Natural Farming; Forest Depletion: Causes and Impact.

REQUIRED READINGS:

1. Bhattacharya R.N. (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
2. U.Shankar (Ed)(2001), Environmental Economics , Oxford University Press, New Delhi.
3. Baumal, W. J. & W. E. (1997), The Theory of Environmental Policy, Prentice Hall, Englewood-Cliffs.
4. Dorfman, R. & N. Dorfman (Eds.) (1977), Economics of the Environment, W W. Norton, New York.
5. Nijkamp, P. (Ed.) (1976), Environmental Economics, Vol. I & II, Martinus Nijhoff, Leiden
6. Karpagam, M. (1993), Environmental Economics, Sterling Publishers, New Delhi.

B.Sc./B.A. - Semester-VI

Paper - I Public Finance

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit-I

Nature and Scope of Public Finance. Role of Government in the Economy. Optimal Budgeting. Public goods and Private goods.

Unit-II

Public Revenue – Canons of Taxation. Incidence, Impact and Shifting of Taxation. Direct and Indirect Taxation.

Unit-III

Public Expenditure – Canons of Public Expenditure, Classification and Effect on Production and on Distribution. Public Debt – Meaning, Objectives, Burden and Theories of Public Debt. Fiscal Policy – Meaning, Objectives and Anti inflationary Policy.

REQUIRED READINGS:

1. R. A. Musgrave and P. B. Musgrave, Public Finance in Theory & Practice, McGraw Hill Publication.
2. S. Ganguli, Public Finance, The World Press Pvt. Ltd.
3. H. L. Bhatia, Public Finance, Vikas Publishing House Pvt. Ltd.
4. John Callis and Philip Jones, Public Finance and Public Choice, Oxford University Press.

B.A./B.Sc - Semester-VI

Paper –II (Opt. a) Application of mathematics in economics

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit-I

Optimization Behaviour of a Firm- Constrained Cost Minimization, Constrained Output Maximization and Profit Maximization; Input Demand Functions- Properties and Derivation of Producer's First Order Difference Equation- Cobweb Model.

Unit-II

Input Demand functions; Cost Functions- Properties and Derivation of Short Run and Long Run Cost functions; Consumer's and Producer's Surplus.

Linear Programming: Graphical and Simplex Method (Maximization Problem Only);

Unit-III

Input-Output Analysis: Concepts of Static, Dynamic, Closed and Open Input - Output Models, Hawkins-Simon Conditions of Viability, Determination of Gross Output, and Value Added in Open Input –Output Model; Theory of Games: Two-Person Constant Sum Games, Zero-Sum Game, Maximin and Minimax, Dominant Strategies and Saddle Point Solution;

REQUIRED READINGS:

1. J.M. Henderson and R.L. Quandt: Micro Economic Theory: A Mathematical Approach, McGraw-Hill. London.
2. RGD Allen, Mathematical Economics, McMillan
3. B.C. Mehta: Mathematical Economics: Micro Economic Models, Sultan Chand & Sons, New Delhi.
4. Alpha C Chiang: Fundamental Methods of Mathematical Economics, McGraw-Hill, Kagakusha, Tokyo.

B.Sc./B.A. - Semester-VI

Paper – II (Opt. b) Environmental Economics-II

Duration: 3 hrs.

Max. Marks : 80 (for Science)

Max. Marks : 70 (Arts)

Note: There will be three parts in end semester paper.

Part A of the paper consists 10 short answer questions carrying 1 & 1.5 marks each for Science & Arts respectively.

Part B of the paper consists 5 short answer questions will be carry 10 marks for both Science & Arts.

Part C of the paper consists three units, 3 Long answer questions with internal Choice carrying 20 & 15 marks each Science & Arts respectively.

Unit-I

Role of Various Sectors in Environment Protection: Role of Public / Government, Private, Co-operative Sectors and NGOs in Environment Protection;

Unit-II

Environmental Policy in India: Environment Protection Laws in India, Central pollution Control Board, State Pollution Control Boards, Local Bodies and Environment Protection.

Unit-III

Global Environmental Issues: WTO and Environment, Trade and Environment- Climate Change, Natural Resource Accounting, International Attempts to Protect the Environment: Movements, Laws, and Agreements.

REQUIRED READINGS:

1. Bhattacharya R.N. (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
2. U.Shankar (Ed)(2001), Environmental Economics , Oxford University Press, New Delhi.
3. Baumal, W. J. & W. E. (1997), The Theory of Environmental Policy, Prentice Hall, Englewood-Cliffs.
4. Dorfman, R. & N. Dorfman (Eds.) (1977), Economics of the Environment, W W. Norton, New York.
5. Nijkamp, P. (Ed.) (1976), Environmental Economics, Vol. I & II, Martinus Nijhoff, Leiden
6. Karpagam, M. (1993), Environmental Economics, Sterling Publishers, New Delhi.