


ECONOMICS

Scheme :	Min. Pass Marks	Max. Marks
Arts	72	200
Science	54	150
Paper-I	3 hours duration	Arts 100 Science 75
Paper-II	3 hours duration	Arts 100 Science 75

Note : 1. There shall be two papers in each class. Each paper shall have 3 questions from every unit. In Addition to these nine questions (3 questions for each unit) there shall be one multiple choice/objective type/ short answer question in each of the two papers

This question shall be compulsory.

2. The student shall be required to attempt five questions in all in each paper selecting atleast one question from each unit and one compulsory multiple choice/objective type/short answer question
3. The multiple choice/objective type/short answer question shall consist of 20 questions in B.A. Examination and 15 questions in B. Sc. examination of one mark each.


Professor & Head
Department of Economics -
University of Rajasthan, Jaipur

SYLLABUS – B.A. /B. Sc. (Pass) Part III. For 2014 Exam

(3)

Paper - (I) Introduction to International Trade, Development and Public Economics**Section – A**

Features of International Trade. Gains from Trade. Trade Theories – Adam Smith, Ricardo, Haberler, Mill and H- O Theory (Elementary Treatment). Free Trade and Protection. Foreign Exchange Market and Exchange rate. Balance of Trade and Balance of Payment – Definition and Structure. WTO – Scope and Impact.

Section B

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. Concept of Poverty and Inequality.

Section – C

Nature and Scope of Public Finance. Role of Government in the Economy. Optimal Budgeting. Public goods and Private goods. Public Revenue – Canons of Taxation. Incidence, Impact and Shifting of Taxation. Direct and Indirect Taxation. 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.

Books Recommended:

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

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B.A./ B.Sc. Part-III

Paper –II (a): Applications of Mathematics in Economics

Section-A

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, 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.

Section –B

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; Optimization Behaviour of a Firm- Constrained Cost Minimization, Constrained Output Maximization and Profit Maximization; Input Demand Functions- Properties and Derivation of Producer's Input Demand functions; Cost Functions- Properties and Derivation of Short Run and Long Run Cost functions; Consumer's and Producer's Surplus.

Section-C

Linear Programming: Graphical and Simplex Method (Maximization Problem Only); 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; First Order Difference Equation- Cobweb Model.

Note: Use of Non-Programmable Calculator is Permitted.

Books Recommended:

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.

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B.A./B.Sc. Part-III: Economics

Paper – II (b) Environmental Economics

Section – A

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

Section-B

Role of Various Sectors in Environment Protection: Role of Public / Government, Private, Co-operative Sectors and NGOs in Environment Protection; Environmental Policy in India: Environment Protection Laws in India, Central pollution Control Board, State Pollution Control Boards, Local Bodies and Environment Protection.

Section-C

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

Books Recommended:

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. Charles Perring (1987), Economy and Environment Cambridge University Press, New York.
7. Karpagam, M. (1993), Environmental Economics, Sterling Publishers, New Delhi.

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