DEVI AHILYA VISHWAVIDYALAYA, INDORE
M.A. Economics Session 2011-12 onwards

Scheme of Examination

Semester-I
Paper - I Advanced Economic Analysis-I
Paper - II Macro Economics
Paper - III Public Economics
Paper - IV Quantitative Techniques

Semester-II
Paper - I Advanced Economic Analysis-II
Paper - II Montary Economics and Banking
Paper - III Research Methods and Statistical Inreference
Paper - IV International Economics

Semester-III
Paper - I Economic Development and planning
Paper - II India's Foreign Trade and International Instistutions.
Paper - III Environmental Economics

(Any One)
Group . A   1 . Econometrics.
Group . B   1. labour Economics .
Group . C   1. Economics of Agriculture
Group . D   1. Demography .

M.A. Economics   **MM 85+15 CCE**
Semester-I
Paper - I Advanced Economic Analysis-I

Objective: To provide the knowledge about consumer behavior regarding Market and   Production units of the firm.

Unit -1   Genral Introduction to Micro / Macro / Positive and Normative Economics/ Scarcity and Choice / Rational Behaviour.

Unit-2   Utility Analysis, Cardinal Utility The law of Diminishing Marginal Utility, The law of equi-marginal utility, and Ordinal Utility Indifference curves analysis, Price effect, Income Effect, & Substitution Effect. Indifference curve and Budget line, Utility Maximization Rule, Practical significance.

Unit-3   Law of Demand & Supply Derivation of demand curve from Price Consumption curve, market demand, Changes in demand and supply and their quantity, Elasticity and their applications, Demand and consumer surplus.

Unit-4 Revealed Preference Theory, Consumer choice under uncertainty Hicksian revision   of demand theory

Unit -5   Production and Cost functions - Law of Variable Proportions - Returns to scab production function of Multi-Product firm Producer's equilibrium - elasticity of substitution - Euler's theore; Cobb- Douglas production function, Cost Functions Cost curves, Iso-cost curves, traditional and modern cost analysis.

Recommended Books:
Varian.H.R. Micro Economics A modern Approach.
Mc Conenell & Brue Micro Economics Principal, problems & policies.
McGraw Hills Professional Publication.
Ahuja, H.L. Advanced Economic theory
Jain K.P. Advanced Economic theory
Jhingan M.L.   Modern Micro Economics

M.A. Economics   **MM . 85+15 CCE**
Semester-I
Paper - II macro Economics

Objective: To provide the conceptual knowledge regarding economic policies at national and international level

Unit -1 Nature of Macro Economics, Basic Concepts Stock and Flow Variables, Functional relationships, Equilibriums National Income and its measurement, GDP and GNP, Importance of NI Estimation, Nl and Economic Welfare, Nl Estimation in India.

Unit . 2 Macro Economic Equilibrium, Income Determination in Closed and Open Economy, Consumption and Investment Function, Concept of Simple Multiplier , Public Expenditure, Export, Tax, Balanced Budget and Dynamic Multiplier.

Unit . 3 The Component of Money Supply. Interest Rate and Theory of Liquidity Preference.Monetary Policy and its Instruments.

Unit . 4 Theories of Employment Classical Theory, Say's Law of Market, Classical Model with and without saving and Investment, Criticism of the Model. Keynesian Model with Demand and Supply of Money. IS-LM Analysis and Interest Rate Determination. Keynes Vs the Classics. Measurement and Trend of Unemployment in Indian Economy.

Unit . 5 Theories of Consumption and Investment-APC and MPC. Factors affecting consumption. Income - Consumption Hypothesis, Saving Function, Paradox of Thrift Investment Function, Determinants of Investments MEC and MEL Theories of Investment, C, S, I measurement in Indian Economy.

Books Recommended:
1. E.J. Shapiro
2. W.H.Bransin
3. M.L.Jhingan
4. M.C.Vaishya
5. SunilBhaduri
Macro Economic Analysis

Macro Economic Theory and Policy
Macro Economic Theory
Macro Economic Theory
Macro Economic Analysis'

M.A. Economics   **MM . 85+15 CCE**
Semester-I
Paper - III Public Economics

Objective: To develop the conceptual frame work about government's public economic policies and annual budgeting.

Unit-1 Public Choice Voting and Resource Allocation, Public Choice analysis, The Growth of Government significance Failure.

Unit . 2 Role of Govt, in Organized Society - Govt, as an agent for Economic Planning & Development Concept of Public Goods, Private Goods and Merit Goods. Theory of Maximum, Social Advantage Theory - Dalton, Pigous Musgrav.

Unit . 3 Public Expenditure - Wagner's Law of Increasing State Activities, Wiesman, Peacock hypothesis. Effects of Public Expenditure Efficiency Effect, Incentive Effect, Allocative Effect on Distribution, Employment, Economic Stability & Economic Development. Dalton's Norm of Public Expenditure, Fiscal policy and its objectives.

Unit-4 Economics of Taxation - Canons of Taxation, Taxable Capacity, Factors DeterminingTaxable Capacity, Its Significance. Theories of Taxation Benefit Theory, The Cost Service Theory and Ability to Pay Theory, Incidence of Taxes. Effects of Taxation Efficiency Effect, Incentive Effect, Allocative Effect. Effect on Distribution, On Employment, On Economic Stability.

Unit- 5 Debt- Public Debt & Economic Growth, Public Debt and Inflation, Public Debt as a means of regulating economy. Debt Burden, Debt Redemption. Defict financing

Books Recommended:

1. R.A.Musgrave   Theory of Public Finance
2. Allan Brownlee   Economics of Public Finance
3. A.C.Pigou   Public Finance
4. R.N.Bhargava   Theory of Working Union of Finance in India
5. N.R.Bahrgava   Indian Public Finance
6. A.E.A.   Reading in Fiscal Policy
7. A.P.Lerner   Economics of Employment (Relevant Chapters)
8. B.R.Mishra   Indian Federal Finance
9. Andley & Sundharam Public Economics and Public Finance (Also Hindi Edition)

M.A. Economics   **MM . 85+15 CCE**
Semester-I
Paper - IV Quantitative Techniques

Objective: This paper provides the statistical and mathematical approach to understand economic principles and policies.

Unit-1definition, Importance & Scope of statistics, Measures of Central tendency Measures of dispersion and skewness: Correlation Analysis: Correlation Coefficient, Methods of Computing simple correlation, concept of probable Error. Spearman's coefficient of Rank correlation.

Unit . 2   Linear and Simultaneous Equations up to Three Variables and Its Application in Economics, e.g., Calculation of equilibrium Prices, Impact of Tax and Subsidy on Demand and Supply Model Calculations of Factor Prices. Calculations of Macro Economic Variables.

Unit . 3 Simple Differentiation and Its Application in Economics i.e., Calculation of Elasticity Coefficient. Marginal Cost and Revenue, Productivity, Condition under

Unit . 4 Regression Analysis: Concept, Regression lines, finding regression coefficients and equations. Interpolation and extrapolation; Concept, significance, assumptions, methods of Interpolation and extrapolation.

Unit . 5 Index Numbers: A Conceptual frame work, uses, types, problems in construction of Index numbers, The chain index numbers, Base shifting and deflating the index numbers, cost of living index numbers.

Books Recommended:
1. Gupta & Gupta - Statistics
2. R. G.D.Allen - Statistics for Economics
3. MethaandMadnani - Mathematics for Economists.
4. A.L. Bowliy - Elements of Statistics
5. Croxton & Cowden - Applied General Statistics
6. JITSChandan - .   Statistics for Business & Economics
7. S.RGupta - Statistical Methods

M.A. Economics   **MM . 85+15 CCE**
Semester-II
Paper - I Advanced Economic Analysis-II

Unit . 1   Perfect competition short run and long run equilibrium of the firm and industry, price and output determination, supply cure; Monopoly,short run and long run equilibrium, price discrimination, welfare aspects,, monopoly control and regulation.

 Unit . 2   Monopolistic competition -.general and Chamberlain approaches to equilibrium, equilibrium of the firm and the group with product differentiation and selling costs, excess capacity under monopolistic and imperfect competition, criticism of monopolistic mpetition; Oligopoly, Chamberlain, kinked demand curve and collusive (cartels and mergers, price leadership), Price and output determination under monopsony and bilateral monopoly.

Unit . 3   Distribution : Neo classical approach - Marginal productivity theory; Elasticity of technical substitution, technical progress and factor shares; Theory of distribution in imperfect product and factor markets Mocro theories of distribution - Ricardian Marxian.

Unit . 4   Wages- theories, marginal productivity , minimum , wages , determsination of rent . classical and morden theories qusirent, theory of interest . liquidity preference , IS .LM curve , theories of profit.

Unit . 5   Welfare Economics : partial and general Equilibrium Pigovian welfare economics; Pareto optimal conditions Value judgement; Social welfare function; compensation principle; Inability to obtain opfimum welfare - Imperfections, market failure, decreasing costs, uncertainty and non-existent and incomplete markets; Theory of Second Best, Arrow's impossibility theorem. Walrasian and marshall condition of the txistence of the general Equilibrium.

Basic Reading List

1.   Kreps. David M. (1990), A Course in Microeconomic Theory Princeton University
Press, Princeton,

M.A. Economics   MM . 85+15 CCE
Semester-II
Paper - II Montary Economics and Banking

Objective: This paper develops the caliber of the students to understand the banking procedure with its command on money inflow in the market

Unit . 1 Theories of Value of Money-Fisher, Cambridge equations, the cash   Balances approach Keynesian Theory of Money and Prices, The Real Balance Effect, Modern - Quantity Theory of Money.

Unit . 2   measures of money stock ,Creation of Credit, Money1 Multiplier, Instruments of Monetary Controls, Monetary, Policy, its role and effectiveness.

 Unit . 3   Inflation   Measurement and types of Inflation, Demand and Supply side Inflation, Excess Demand and Inflatidn, Effects of Inflation, Methods to Check Inflation,tagflation and Anti-Inflation Policy, Inflation and Indian Economy. Inflation and Unemployment, hillips curve, The Relationship between Inflation and Unemployment, Long run Phillips Curve,

 Unit . 4   Banking Systems in India. Types of Banks. Bank as Depositaries, Demand Deposits,Bank as Financial Intermediaries,Commercial Banking Origin & Growth, Functions of Commercial Banks. Role of Commercial Banks in a Developing Economy. New Trends in Commercial Banking.RBI.

Unit . 5   Business Cycles   Meaning and Nature, Theories of trade Cycle Monetary Theory schumpeter, Keynesian, Samulson and Hicks. Non monetary theories of business cycles

Books Recommended:
E.J.Shapiro W.H. Bransin
M.LJhingan
M.C.Vaishya SunilBhaduri
KK.Kurihara
Macro Economic Analysis Macro
Economic Theory and Policy Macro
Economic Theory Macro Economic
Theory Macro Economic Analysis
Monetary Theory and Public Policy

M.A. Economics   MM . 85+15 CCE
Semester-II
Paper - III Research Methods and Statistical Inference

Unit . 1 Meaning and Concept of Research, Types of Research, Steps in Scientific Research, Research Design, Sampling Techniques. and Techniques of data collection Research report Writings.

Unit . 2   Analysis of Time Series - Introduction, Utility and Components of Time Series. Measurement of Trend by Graphic Method, Semi-Average & Moving Average method and Least Squares Method.

Unit . 3
Probability and its Theorems :   Concepts & Definition, Calculation of Probability, Theorems Addition Theorem and Multiplication Theorem. Theoretical Probability Distribution : Normal, Binomial & Poison Distribution.

Unit . 4
 Test of Hypothesis : Procedure of Testing Hypotheses, Standard Error and Sampling Distribution, Estimation, Significance of Attributes Large Samples and Small Sample T, F & Z test.

Unit . 5
Chi Square Test& Goodness of Fit. And analyses of variance

Books Recommended
1   Gupta & Gupta - Statistics
2   D.N.EIhance - Fundamentals of Statistics (Hindi and English Edition)
3   Couner - Statistics in Theory & Practice
4   R.G.D.Allen - Statistics for Economics]
5   A.L. Bowliy - Elements of Statistics
6   Croxton&Cowden   - Applied General Statistics
7   JITSChandan - Statistics for Business & Economics
8   SP.Gupta - Statistical Methods

M.A. Economics   MM . 85+15 CCE
 Semester-II
 Paper - IV International Economics

Objective: To provide the knowledge about   International trade, Terms and conditions of the trade.

Unit . 1 Distinguishing features of Interregional and International trade; Differences and Similarities between inter-regional and international trade; Importance and Scope of International Trade.International division of labour and specialization; Smith's theory of AbsoluteDifference in costs; Ricardo.s theory of comparative differences in costs and its application in underdeveloped countries.

Unit . 2 Mills' theory of Reciprocal Demand; Concept of Offer Curves; Explanation of   Mills'concept of Reciprocal Demand with the help of Marshall's Offer Curves. Iternational Trade Equilibrium; Some analytical tools-Offer curves ProductionPossibility Curves; the Community Indifference Curves; Equilibrium in Community Consumption and Output.

Unit . 3 Haberler's Theory of Opportunity Costs; International trade under constant, Increasing and decreasing opportunity costs.The Modem Theory of Factor Endowments; its explanation under price criterion and physical criterion; Theorys relevance today. Its superiority over the classical theory; Leontief Paradox

Unit . 4 International trade and factor prices, Samuelson's Factor Price Equalization Theorem. The Terms of Trade- Meaning and various concepts of Terms of Trade; Factors affecting the Terms of Trade; Terms of Trade and underdeveloped countries.

Unit . 5 Tariffs   meaning and types;- Effects of tariff under partial and general equilibrium;Optimum tariff and welfare; Effects of tariff on income distribution The Stopler- Samuelson theorem, Dumping: Types, Objectives and effects of dumping; Current incidence of dumping in India and its impact on our economy; Anti-dumping measures.

Books Recommended
1. Bhagwati, J. (Ed.)- International Trade Selected Readings, Cambridge University Press, Massachusetts.
2. Carbough,- R. J..International Economics, International Thompson Publishing, New York.
3. Kenen, P.B. -The International Economy, Cambridge Univesity Press, London.
4. Kindleberger, C.P-International Economics, R.D.Irwin, Homewood
5. Soderston, B - International Economics, The Maemillian Press Ltd.,London.
6. Francis Cherunilam- International Economics
7. Francis Cheruriiiam - International Business
8. D.M.Mithani -International Economics
9. H.G.Mannur -International EcononTJcs
10. Peter B.Kenen -The International Economy
11. PSubba Rao -International Business

Devi Ahilya Vishwavidyalaya, Indore
M.A. Economics
MA III Semester
Paper I - ECONOMICS OF DEVELOPMENT & PLANING

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Unit I
1- Economic Development – meaning & measurement of Economic Developments
2- Factor of economic Development
3- Pre conditions for economic development

Unit II
4- Obstacles to economic Development
5- Meaning and characteristics of an under developed country.
6- Structural change in under developed country

Unit III
7- Economics planning - meaning objectives problems and pre requisites fir plan. Formulation successful planning.
8- Fundamental principles of planning.

Unit IV
9- Project evaluation and cast benefit analysis.
10- Planning techniques.

Unit V
11- Growth models in Indian plans – Mahan obis model
12- An Appraisal of Indian plans : Objectives, Achievements and Failures.

Paper II % India's foreign Trade and International Institutions .

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Compulsory

Max. Marks 85+15 CCE

Unit-1 Foreign Trade and Economic Development. Meaning and Components of Balance of Payments, Equilibrium and disequilibrium of Balance of Payments. Factors causing disequilibrium balance of payments. bdkbZ& 1 fons'kh 0;kikj vkSj vkfFkZd fodkl & vFkZ vkSj Hkqxrku larqyu ds?kVd] Hkqxrku larqyu ea larqyu ,oa vlarqyu A Hkqxrku larqyu ea vlekUrk dsdkj.k A

Unit-2 Adjustment mechanisms of Balance of Payments Under Gold Standards, Underflexibleexchange rates (price effect), Under elasticity

approach Marshall Lerner Principle, Undercapital movements direct control for adjustment.Foreign Trade Multiplier anddetermination of Income.

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Unit-3 Concept of Foreign exchange rate, Determination of Equilibrium, exchange rate. Theories of exchange rate-determination the purchasing power parity theory and the Balance of Payment theory. Factor causing changes in exchange rates. Relatives merits and demerits of fixed and flexible exchange rates, concepts of spot and forward exchange rates, convertibility of currency.

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Unit-4 Exchange control-Meaning, features, objectives and methods of exchange control.Devaluation -Devaluation of Indian Rupee and its impact on economy. Free Trade versus Protection.

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Unit-5 World Trade Organization -Functions, structure, objectives and working of WTO. India and WTO. Trade Blocks-EU, NAFTA, ASEAN. International Monetary Fund-Origin, objectives, functions and working of the fund, India & IMF .World Bank-Functions, working, India and the World Bank. Foreign Trade and BOP in India. Recent changes in the direction and composition of trade. Major problems of Indian export sector.

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Suggested Readings :
1. International Economics – Kindleberger
2. International Economics – O.S Shrivastava
3. International Economics – D.M. Mithani

4. International Economics – Mannur

5. WTO & International Trade - Rao

6. Indian Economics-Rudardatt & Sundarm

7. International Economics – Mishra & Puri

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Paper No. III **Environmental Economics /** i;kZoj.kh; vFkZkkL=

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Unit-1

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Meaning of Environment & Ecology, Significance of Environmental balance, Role of
Economics in Environment, Nature of Environmental Economics.

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Unit-2

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Model of Market Failure- Environmental Problems -A market failure.Environmental Quality.
A public good. Environmental Problems.Externalities- Positive & Negative.

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Unit-3

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Conventional Solutions to Environmental Problems: The Command and control Approach,
Economic Solutions to Environmental Problems: The Market Approach, Pollution charges,
Environmental Subsidies Deposit/Refund System, Pollution Permit Trading
System.

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(Pollution Permit Trading System)

Unit-4

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Assessing Benefits for Environmental Decision Making.

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Unit-5

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Relation between Environment, Economic development and Population growth.
Environmental Law and their implementation. Carbon Trading, Kuto-Protocol.

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Semester . III
Group A - ECONOMETRICS .I

Objective: Econometrics is a tool to judge the role of economic variables in the economic development.
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 Unit - 1 Statistical Inference: Random Variable, Expectation of Random Variable, Sampling distribution and Standard Error, Testing of Hypothesis, Level of Significance and confidence limit, Hypothesis Testing for Mean, difference between means, Proportions and difference between proportions. Small Sample and Large Sample Test, F- Test, Estimation and Properties of Good Estimates.

 unit . 2 Meaning and Methodology of Econometrics-Nature and Scope Econometrics. The Nature of Regression Analysis and Basics of Two-Variable Regression Analysis. Estimation and Hypothesis Testing..Extensions of the Two-variable Linear Regression Model. Multiple Regression Model, Estimation and Inference.

 Unit . 3 .Nature, Consequences, Detection and Remedial Measures of Multi Collinearity, Heteroscedasticity and Autocorrelation.

Unit . 4 .Regression on Dummy Variable, Dynamic Econometrics Models: Autoregressive and Distributed Lag Models.

Unit . 5 .Systems of Equations, Identification and Estimation Methods (ILS and 2SLS), Business Applications of Single Equation Econometrics Model and Systems of Equations. ,

Books Recommended:
1. Koutsoyiannis A -Theory of Econometrics E L B S/Macmilian
2. Schmidt P. Econometrics, Marcel Dekker, N.Y.
3. Maddala, G.S., Econometrics Mc Graw Hill
 4. Rao & Miller, Applied Econometrics P entice-Hall ','Gujrati Basic Econometrics

.**Semester**. **III**
Group B- Labour Economics

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Unit- 1
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Labour - Meaning. Pecularities, Types and Significance Role of Labour in Economic Development of a Developing Country like India. Chracteristics and Growth of Labour market in India.

Unit- 2

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Unit- 2
Demand and Supply Theory of Wages
Various Concepts of Wages :
(a) Fair Wages .
(b) Living Wages.
(c) Minimum Wages
Minimum Wages Act. 1948.
Wages, Efficiency of Labour and Productivity in India .
Wages Policy Uner the Five year Plans.
Problem of Bonus in India .

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Unit- 3

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Social Security – Meaning Origin, Growth, Aims and Methods .
Defferent Schemes of Social Security in India .
Labour Welfare - Meaning, Aims, Growth, Scope and Classification .
Labour Welfare Activities done by different Agenceies in India.
(a) By Government.
(b) By Employers.
(c) By Trade Unions .

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Unit- 4

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Industrial Disputes – Meaning Types , Causes Consequence Prevention and Settlement. Labour Participation in Management Industrial Disputes in India – Main Causes and Remedies . Industrial Dispute Act. 1947. Collective Bargaining .Trade Union Definition, Need Growth, Approaches and Functions.Trade Union Movement in India – Growth, Difficulties, Draw backs and Measures to strengthen the Trade union Movement in India .

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Unit- 5

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Unit V Problem of Housing of industrial workers in India.
Labour Act. 1948.
Child and Women Labour in India .
Measures to Prevents Child Labour .
India and International Labour Organisation.

Semester III

Group -C

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Unit- 1

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1- Agricultural Economics - Meaning ,Nature and Scope
2- Role of Agriculture in Indian Economy
3- Stages of Agriculture Development
4- Lewis Model and Rene- Fe contribution.

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Unit- 2

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3- df"k tkr
4- Hkkjr ,oae/;insk ea Hkfe l/kkkj

1- Optimum Combination problems in Agriculture input (in referncs to land,
Labour and capital)
2- Agriculture System and their types co operative v/s private
3- Agriculture Holdings
4- Land Reforms in India and M.P.

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Unit- 3

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1- Agricultural indebtedness

2- Agricultural Finance- source , types and problems

3- Agricultural Marketing- types and problems

4- Fluctuations in Agricultural Prices, Agriculture Prive Policy , Minimum Support Price

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Unit- 4

1- ;kstuk dky esa df"k fodkl
2- df"k esa rduhdh fodkl] lw[kh [ksrh] gfjr dkfr
3- Qke*z izca/ku
4- df"k djkjksi.k

1- Agriculture Development in Planned Periods

2- Technological Development in Agriculture, Dry Farming, Green Revolution.

3- Farm Management

4- Agriculture Taxation.

bdkb&5

Unit- 5

1- of'od lUnHkZ esa Hkkjrh; df"k ds eqn~ns
2- fo'o0;kikj laxBu esa df"k lEcfU/kr izko/kku
3- e/; insk esa df"k fodkl
4- e/; insk esa df"k lEcfU/kr leL;k,a ,oa ek/kku

1- Issue of Indian Agriculture in Global Perspective

2- Provisions regarding Agriculture in W.T.O.

3- Agriculture Development in Madhya Pradesh

4- Agriculture related problems and suggestions in Madhya Pradesh

III Semester
Group -D
Demography / tukfddh

85++   15 I h-I h-bZ

Unit-1

bdkb&1

Demography - Meaning significance, Techniques of Demographic Analysis, Relationship with other sciences. Basic concepts of Demography - Population Pyramid, Density of Population sex ratio, Population growth and Population Trap.

tukfddh & vFkZegRo tukfddh fo'ys"k.k dh fof/k;ka tukfddh dk vU; foKkuka Isl czdkA tukfddh dh vk/kjHkwr vo/kkj.kk&tul{;k fijkfeM] tul{;k dk ?kuRo] fyx vuqikr] tul{;k of)] tul{;k tkyA

Unit-2

Malthusian theory of population, Optimum theory of Population, Sociol cultural theories - Dumont's theory of social capillarity, L. Brento's theory of increasing prosperity and pleasure, Henry George's theory of Intellectual development. Theory of Demographic transition.

bdkb&2

ekYFkl dk tul{;k fl)kar] tul{;k dk vuqdwyre fl)kar] tul{;k dk Ikekftd&Ikaldfrd fl)kar & M;wekaV dk Ikekftd dsikkd"kZk fl)kar] cU Vks dk c<+rh IEiUurk ,oa Ik{k dk fl)kar] gsujh tktZ dk ckf)d fodkl dk fl)kar] tukfddh dk Ihdze.k fl)karA

Unit-3

bdkb&3

Different Demographic Measurements Birth rate , Death rate, Life table, Gross and Net Reproduction rate with reference to India. Human resource development in India.

fofHkUu tukfddhekid & tUe nj] eR;q nj thou rkfyfydk] dy ,oa'kq)
iqzUnRiknu nj Hkkjr ds lnHkZe}] Hkkjr ea ekuo lalk/ku fodkl A

Unit-4
bdkb&4

Indian census - 1991-2001 Size, Growth and Composition of
population in India, Population education in India

Hkkjrh; tux.kuk&1991&2001 Hkkjr ea tul[;k dk vkdkj] of) ,oa lajpukA
Hkkjr ea tul[;k f'k{kkA

Unit-5
bdkb&5

Population and Economic development, Trends and Distribution of
World population. Population policies in India. Population control
measures in India.

tul[;k ,oa vkfFkZd fodkl] fo'o tul[;k dh ioRr;ka ,oa forj.kA
Hkkjr dh tul[;k uhfrA Hkkjr ea tul[;k fu;a=.k ds mik;A

Suggested Readings :

1- Mk¡- ,l- pnzk[kj & ,f'k;kt ikiqys'ku ikcyeA
2- nqcs ,oa fej & tukfddh ,oa tul[;k v/;;uA
3- oh-dqekj & tukfddhA
4- vks- ,l- JhokLro & tukfddhA
5- Spegalman - An Introduction to Demography.
6- Sinha, V.C., Demography - National Publ. House, New Delhi.
7- Bose, Desai, Mishra - Population in India's Development.