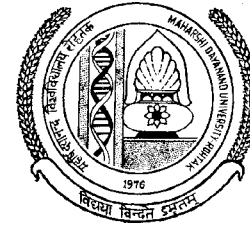


Maharshi Dayanand University Rohtak



Ordinance, Syllabus and Courses of Reading for M.A. Economics (3rd and 4th Semesters)

Session - 2009-2010

Available from :

Duputy Registrar (Publication)
Maharshi Dayanand University
Rohtak-124 001 (Haryana)

Price :

At the Counter : Rs. 50/-
By Regd. Parcel : Rs. 90/-
By Ordinary : Rs. 70/-

SCHEME OF EXAMINATION**M.A. ECONOMICS (3rd and 4th Semester) w.e.f 2009-10**

SEMESTER THIRD		Theory	Internal
Paper-XI	Indian Economy-I	80 marks	20 marks
Paper-XII	International Trade and Finance-I	80 marks	20 marks
Paper-XIII	Public Economics-I	80 marks	20 marks
Paper-XIV & XV	Optional (Any two of the following)-I	80 marks	20 marks
	(i) Mathematical Economics-I	80 marks	20 marks
	(ii) Industrial Economics-I	80 marks	20 marks
	(iii) Agricultureal Economics-I	80 marks	20 marks
	(iv) Financial Institutions and Markets-I	80 marks	20 marks
	(v) Econometrics - I	80 marks	20 marks
	(vi) Operations Research-I	80 marks	20 marks
	(vii) Managerial Economics-I	80 marks	20 marks
SEMESTER FOURTH			
Paper-XVI	Indian Economy-II	80 marks	20 marks
Paper-XVII	International Trade and Finance-II	80 marks	20 marks
Paper-XVIII	Public Economics-II	80 marks	20 marks
Paper-XIX & XX	Optional (Any two of the following)-II	80 marks	20 marks
	(i) Mathematical Economics-II	80 marks	20 marks
	(ii) Industrial Economics-II	80 marks	20 marks
	(iii) Agricultureal Economics-II	80 marks	20 marks
	(iv) Financial Institutions and Markets-II	80 marks	20 marks
	(v) Econometrics - II	80 marks	20 marks
	(vi) Operations Research-II	80 marks	20 marks
	(vii) Managerial Economics-II	80 marks	20 marks

M.A. Final (SEMESTER- III)**PAPER-XI****INDIAN ECONOMY - I****Maximum Marks : 100****External Examination : 80****Internal Assessment : 20****Time : 3 hours****Unit - I**

Features of Indian economy; Nature and Characteristics of Indian economy; Planning; objectives and strategies; failures and achievements of plans.

Basic economic indicators-National income, performance of different sectors, Trends in prices and money supply.

Unit-II

Institutional structure ; Land-reforms in India; Agricultural marketing and warehousing; Issues in food security – policies for sustainable agriculture; Agricultural finance policy; Agriculture price policy.

Unit-III

Malthusian theory of population, optimum theory of population, theory of demographic transition, population as 'Limits to Growth' and as 'Ultimate Source'.

Concepts of Demography-Vital rates, life tables, composition and uses. Measurement of fertility – Total fertility rate, gross and net reproduction rate – Age pyramids, population projection-stable, stationary and quasi-stationary population; Characteristics of Indian population through recent census.

Unit-IV

Financial Sector : Monetary policy of RBI; Money and Capital markets; Growth and problem; Role of commercial banks in India; Banking sector reforms since 1991.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to

ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Bardhan, P.K. (9th Edition) (1999), *The Political Economy of Development in India*, Oxford University Press, New Delhi.
- Brahmanda, P.R. and V.R. Panchmukhi (Eds.) (2001), *Development Experience in the India Economy; Inter-state Perspectives*, Book well, Delhi.
- Datta, R. and K.P.M. Sundhram (2003), *Indian Economy*. S.Chand & Company Ltd. New Delhi.
- Government of India, *Economic Survey*, (Annual), Ministry of Finance, New Delhi.
- Mishra, S.K. and V.K. Puri *Indian Economy –1st Development Experience*, Himalaya Publishing House, Mumbai, Latest Edition.
- Rudra Ashok, *Indian Plan Models*.
- Todaro, P. *Development Planning : Models and Methods*
- United Nations, *Guidelines for Projected Evaluation*.

M.A. Final (SEMESTER- III)

PAPER-XII

INTERNATIONAL TRADE AND FINANCE - I

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

The pure theory of international trade – Theories of absolute advantage, comparative advantage and opportunity costs, modern theory of international trade; Theorem of factor price equalization; Empirical testing of the theory of absolute cost and comparative cost-Heckscher-Ohlin theory of trade. Kravis and Linder theory of trade Role of dynamic factors, i.e. change in tastes, technology and factor endowments in explaining the emergence of trade;

Unit-II

The Rybezynski theorem-concept and policy implications of immiserizing growth; Causes of emergency and measurement of intra-industry trade and its impact on developing economies. Measurement of gains from trade and their distribution; Concepts of terms of trade, their uses and limitations for less developed countries; Trade as an engine of economic growth; Welfare implications - empirical evidence and policy issues;

Unit-III

The theory of interventions (Tariffs, Quotas and non-tariff barriers); Economic effects of tariffs and quotas on national income, output, employment, terms of trade, income distribution and balance of payments on trading partners both in partial and general equilibrium analysis. The political economy of non-tariff barriers and their implications; Trade under imperfectly competitive market.

Unit-IV

Meaning and components of balance of payments; Equilibrium and disequilibrium in the balance of payments; The process of adjustment under system of gold standard, fixed exchange rates and flexible

exchange rates; Expenditure-reducing and expenditure-switching policies and direct controls for adjustment; Policies for achieving internal and external equilibrium simultaneously under alternative exchange rate regimes; a critical review of the Absorption and monetary approaches to the theory of balance payment adjustment.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Bhagwani, J. (Ed.) (1981), *International Trade, Selected Readings*, Cambridge University Press, Massachusetts.
- Carbooth, M. (1999), *International Economics*, International Thompson Publishing, New York.
- Chacholiades, M. (1990), *International Trade : Theory and Policy*, McGraw Hill, Kogakusha, Japan.
- Dana, M.S. (2000), *International Economics: Study Guide and Work Book (5th Edition)* Rutledge Publishers, London.
- Dunn, R.M. and J.H. Mutt (2000), *International Economics, Rutledge Publishers*, London.
- Kenen, P.B. (1994), *The International Economy*, Cambridge University Press, London.
- Kindleberger, C.P. (1973), *International Economics*, R.D. Irwin, Homewood.
- King, P.G. (1995), *International Economics and International Economic Policy: A Reader*, McGraw Hill International, Singapore.
- Krufman, P.R. and M. Obstfeld (1994), *International Economics : Theory and Policy*, Glenview, Foresman.
- Salvatore, D. (1997), *International Economics, Prentice Hall*, Upper Saddle River, N.J. New York.
- Soderston, BO (1991), *International Economics*, The Macmillan Press Ltd. London.

M.A. Final (SEMESTER- III)

PAPER-XIII

PUBLIC ECONOMICS - I

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Economic rationale of government, fiscal functions; market failures; imperfections, decreasing costs, externalities and public goods; concepts of private goods, pure public goods, mixed goods and merit goods; theory of public goods; free Rider's problem, the optimal provision of public goods, contributions of Samuelson and Musgrave. Lindhal equilibrium public choice and fiscal decision making, voting systems, majority voting.

Unit-II

Budgeting : Various concepts of Budget, reforms in expenditure budgeting, zero based budgeting and performance budgeting. Budgets of the Union Government in India, budget making process in India; Public expenditure in India; trends and issues.

Unit-III

Public Expenditure : Structure and growth of public expenditure; Wangner's hypothesis, Peacock-Wiseman hypothesis; economic effects of public expenditure; criteria for public investment, social cost-benefits analysis; valuation of benefits and costs, discount rate.

Unit-IV

Theory of Taxation : Various approaches to taxation, neutrality, equity, ability to pay, benefit principle, revenue maximization, income maximization; analysis of incidence of taxes, elasticity, buoyancy and taxable, capacity, efficient tax design : optional taxation, effects of taxation on work effort, savings, investment and growth; classification of taxes: direct and indirect taxes, progressive, proportionate and regres-

sive taxes, Advalorem and specific taxes; tax system in India; structure, composition and various economic issues.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Masgrave R.A. and Masgrave P.B., *Public Economics in Theory and Practice*, McGraw Hill.
- Stiglitz, J.E., *Economics of Public Sector*, J.W. Norton & Company.
- Singh, S.K., *Public Finance in Theory and Practice*, S. Chand & Co.
- Government of India, Ministry of Finance : Economics Survey (of various years).
- Raja J. Chelliah, *Towards Sustainable Growth, Essay in Fiscal and Financial Sector Reforms in India*, Oxford University Press, Delhi, 1996.
- Deena Khatkhate (ed.), *Money and Finance : Issue, Institutions, Policy*, sameeksha Trust, Orient Longman, 1998.
- Kunal Sen & Rajendera R. Vidya (ed.), *Process of Financial Liberation in India*, Oxford University Press, 1997.
- Mundel Sudipto (ed.) *Public Finance : Policy Issue of India*.
- Brown C.V. and Jackson P.M. (1990), *Public Sector Economic*, Basil Blackwell, Oxford.
- M. Govindia Rao and Tapan Sen (1998), *Financial Federalism in India*.
- Atkinson A.B. and Stiglitz, J.E. (1980), *Lectures on Public Finance*, Tata McGraw Hill.
- Aurrbach, A.J. and M. Feldstern (ed.) (1985), *Handbook of Public Economics, Vol-I*, North Holland, Amsterdam.

- Raghavendra Jha (1999), *Modern Public Economics*, Rotledge, London.
- Srivaslava D.K. (ed.) (2000), *Fiscal Federalism in India*, Har-Anand Publication Ltd., New Delhi.
- Bhargava P.K. (1991), *India's Fiscal Crisis*, Ashish Publishing House, New Delhi.
- Govt. of India, Ministry of Finance (1988), *Sarkaria Commission Report on Centre-State Finance Relations*.

M.A. Final (SEMESTER- III)
PAPER-XIV & XV (i)
MATHEMATICAL ECONOMICS - I

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Cardinal and ordinal utility maximization, Slutsky equation; compensated demand function; income; substitution and price effects; Concepts of elasticities; Consumer services.

Unit-II

Separable and additive utility functions, homogeneous and homothetic utility functions; Indirect utility functions; transcendental logarithmic utility functions; duality theorem.

Unit-III

Theory of revealed preference and index numbers, Linear expenditure systems; Treatment of demand for durable goods, Empirical demand functions, Consumer behaviour under risk and uncertainty.

Unit-IV

Production function - homogeneous and non-homogeneous; Laws return & return to scale; Properties of Cobb-Douglas production function; CES'VES and Translog (TL) production;

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Allen, R.G.D. (1976), Mathematical Economics, Macmillan, London.

- Mathematical Economics, Volumes I, II and III, North Holland, Amsterdam.
- Henderon, J.M. and R.E. Quane (1980), Microeconomic Theory.
- Arrow, KJ and M. Intrilligator (Eds.) (1982), Handbook of Mathematical Approach, McGraw Hill, New Delhi.
- Chung, J.W. (1993), Utility and Production: Theory and Applications, Basil Blackwell, London.
- Ferguson, C.E. (1976), Neo-classical Theory of Production and Distribution.

M.A. Final (SEMESTER- III)
PAPER-XIV & XV (ii)
INDUSTRIAL ECONOMICS - I

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Frame work and problems of Industrial Economics, Concepts and organization of a firm-ownership, control and objective of the firm; Passive and active behaviour of the firm, Market Structure; Sellers concentration; Product differentiation; Entry Conditions; Economic of scale; Market structure and profitability; Market structure and innovation.

Unit-II

Theories of industrial location - Weber and Sargent Florence, Factors affecting location; Market Conduct : Product pricing - Theories and evidence; Investment expenditure methods of evaluating investment expenditure.

Unit-III

Theories and empirical on Mergers and acquisitions (M & As) and diversification. Market Performance, Growth of the firm; constraints on growth; Productivity, efficiency and capacity utilization concepts and measurement, Indian situation.

Unit-IV

Industrial productivity- measurement, partial and total trends.

Pattern of industrialization - Public and private; large and small industries.

Industrial structure and economic growth.

Economic Reforms and industrial growth.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to

attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Ahluwalia, I.I. (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. Morris (1976) Industrial Economics : Theory and Evidence University Press, New Delhi.
- Kuchal S.C. (1980) Industrial Economy of India (5th Edition), Chaitanya Publishing House Allabad.
- Reserve Bank of India Report on currency and Finance (Annual).
- Singh, A. and A.N. Sadhu (1988), Industrial Economics, Himalaya, Publishing House, Bombay.

M.A. Final (SEMESTER- III)
PAPER-XIV & XV (iii)
AGRICULTURAL ECONOMICS - I

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Agricultural Economics and Economic Development : Definition of agricultural Economics, its scope and nature, Regional disparities in India agriculture; Difference between agriculture and Industry; Need for a separate study of Agricultural Economics. Agriculture and Economic Development : Role of agriculture in Economic Development, Contribution of Industry to the development of agriculture; Interdependence of agriculture and industry.

Unit - II

Approaches to Agriculture Development : Schultz, Mellor, Boserup, Lewis and Ranis-Fie.

Unit-III

Economics of Agriculture Production : The Production Function; Factor-Product Relationship; Factor-Factor Relationship; Product-Product Relationship. Equilibrium of the capitalist farm, peasant family farm and share tenant farm.

Unit-IV

Analysis for Farm Management : The Production Function Approach; Farm-budgeting Approach. Measures of Farm Efficiency; Supply response in agriculture; Size of the farm and Productivity Debate.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- South-Worth, H.M. and B.F. Johnston (ed.) Agricultural Development and Economic Growth (Cornell University Press, London, 1974).
- Heady, E.O. Economics of Agricultural production and Resources Use (Prentice Hall India Ltd. New Delhi-1964).
- Schult, T.Z. Transforming Traditional Agriculture (Yale University Press, 1964).
- Metacalf D. The Economics of Agriculture.
- Basu, K. Agrarian Structure and Economic Under Development (Harwood Academic, London, 1980).
- Sadhu, A.N. and A Singh, Agricultural Problems in India (Himalaya Publishing House, Bombay).
- Mellor, J.W. The Economics of Agricultural development (Vora and Co. Bombay, 1966).
- Donner, Peter : Land Reforms and Economic Development.
- Kahlon, A.S. and Tyagi, D.S. Agricultural Price Policy in India (Allied Pub. New Delhi, 1983).
- Patnaik, Utsa (ed) Agrarian Relations and Accumulation. The mode of production in India.
- Kaur, Rajbans Agricultural Price Policy in Economic Development.
- The Indian Society of Agricultural Economics, Agricultural Development in Developing Countries in Asia and South East Asia since World War II.
- Ellis, Frank Peasant Economics (Cambridge University Press, 1963).
- Bhalla G.S. and Y.K. Alagh Performance of Indian Agriculture a district-wise Study.
- Rao, C.H.H. Technological change and Distribution of gains in Indian Agriculture.
- Lehman, Davir (ed) Agrarian Reform and Agrarian reformism in India.
- Ghatak, S. and Ken Ingersent Agriculture and Economic Development.

- Bilgrami, SAR An Introduction to Agricultural Economics (Himalaya Pub. House, Bombay).
- Rudra Ashok Indian Agricultural Economics : Myth and Realities (Allied Pub. New Delhi 1982).
- Soni, RN. Leading Issues in Agricultural Economics (Sohan Lal Nagin Chand Co. Jalandhar, 2006.)
- Khusro, AM. Reading in agricultural Development.
- Vandana Shiva The Violence of Green Development.
- Frankel, Francis, R India's Green Revolution, Economic Gain and Political Costs (OUP Bombay 1971).
- Dantwala, M.L. (ed.) Indian Agricultural Development since Independence.
- Hayami, Y and Rattan, V.M. Agricultural Development : An International Perspective.
- ICSSR Alternative in Agricultural Development.
- Ellis, F. Agricultural Policies in Developing Countries.
- Lekhi R.K. & Singh Joginder, Agricultural Economics, Kalyani Publishers, New Delhi.
- Sankhayan P.L., Introduction to the Economics of Agricultural Production, Prentice Hall of India Private Limited, New Delhi.
- Johl S.S. & Kapur T.R., Fundamentals of Farm Business Management, Kalyani Publishers, Ludhiana.
- Reddy S. Subha, Raghu Ram P. Sastry T.V. Neelakanta & Devi I Bhavani, Agricultural Economics, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi
- Acharya S.S. & Aggarwal N.L., Agricultural Prices – analysis and policy, Oxford & IBH Publishing Co. Pvt. Ltd. New Delhi.

M.A. Final (SEMESTER- III)

PAPER-XIV & XV (iv)

FINANCIAL INSTITUTIONS AND MARKETS - I

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Nature and Role of Financial System and Structure of Interest Rates- Money and finance, Money and near-money, Financial intermediation and financial intermediaries, The structure of the financial development.

Unit-II

Equilibrium in Financial Markets - Financial System and Economic Development, Criteria to evaluate assets : Risk and financial assets, types of risk, return on assets, Risk - Return trade off - Valuation of securities.

Unit-III

Theories of interest rate determination - Level of interest rates- Long period and Short period rates, Term Structure of Interest rates - Theories of interest rates structure, Expectational theory, Segmentation theory; Administered interest rates - Appropriate interest rate policy.

Unit-IV

Banks, Monetary Policy and Non-Bank Financial Intermediaries; Functions of Central Bank - The aims and objectives of the monetary policy in developed and developing countries.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi
- Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahabad.
- Edminster, R.O. (1986), Financial Institutions, Market and Management, McGraw Hill, New York.
- Goldsmith, R.W., (1969), Financial Structure and Development, Yale London.
- Hanson, J.A. and S. Kathuria (Eds.) (1999), India: A Financial Sector for the Twenty-first Century, Oxford University Press, New Delhi.
- Karker, P.T. and S.A. Zenios (2000) (Ed.), Performance of Financial Institutions, Cambridge University Press, Cambridge.
- Johnson, H.J. (1993), Financial Institutions and Markets, McGraw Hill, New York.
- Khan M. Y. (1996) - Indian Financial Systems, Tata McGraw Hill, New Delhi.
- Machiraju, M.R. (1999), Indian Financial System, Vikash 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.
- Robinson, R.I. and D. Wrightman (1981), Financial Markets, McGraw Hill, London.
- Smith, P.F. (1978), Money and Financial Intermediation : The Theory and
- Structure of Financial System, prentice Hall, Englewood-Cliffs, New Jersey.

M.A. Final (SEMESTER- III)**PAPER-XIV & XV (v)****ECONOMETRICS - I****Maximum Marks : 100****External Examination : 80****Internal Assessment : 20****Time : 3 hours****Unit - I**

Nature and meaning of econometrics, Difference between mathematical economics, statistics and econometrics; Goals of econometrics; classical linear regression model (Two variable) Sources of disturbance terms, assumption and their significance, least square estimators and their properties; Guass markov's theorem.

Unit-II

General linear regression model; Definition, assumptions, least - squares estimation, Gauss markov's theorem; testing significance of regression coefficients, concepts of R² and adjusted R².

Unit-III

Problem of multicollinearity, autocorrelation and hetroscedasticity : Nature, consequences, test and remedies (proofs not required)

Unit-IV

Simple Applications of Least Square : Estimation of consumption function, Cobb-Douglas and CES production functions, Estimation of semi-log and double log function; simple and compound rates of growth.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Gujarati D.N. (1995), Basic Econometrics (2nd Edition), McGraw Hill, New Delhi.

- Koutsoyiannis, A. (1997), Theory of Econometrics (2nd Edition), The Macmillan Press Ltd., London.
- Johnston, J. (1991), Econometric Methods, McGraw Hill Book Company, London.
- Maddala, G.S. (1993), Econometrics Methods and Applications, (2 Vol.) Alder Shot, U.K.
- Krishna K.L. (1997), Econometrics Application in india, Oxford University Press, New Delhi.
- Kmenta, J. (1997), Elements of Econometrics, University of Michigan Press, New York.
- Intrilligator, M.D. (1978), Econometrics Techniques and Applications, Prentice Hall, New Jersey.
- Pindyck, R.S. and D.L. Rubinfeld (1976), Econometric Models and Economic Forecasts, McGraw Hill, Tokyo.
- Frances, P.H. (1998), Time Series Models/or Business and Economic Forecasting, Cambridge University Press, Cambridge.
- Harvey, A.C. (1981), Econometric Analysis of Time Series, Phillip Allen, London.
- Madnani, G.M.K. (1999), Introduction of Econometrics.
- Intrilligator, M.J. and Hasio Badkin (1996), Econometric Models, Techniques and Applications, Prentice Hall.

M.A. Final (SEMESTER- III)
PAPER-XIV & XV (vi)
OPERATIONS RESEARCH - I

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Introduction and History of OR, different features of operations research approach. Some definitions, Scientific methods in OR, Models and Modelling in OR. General methods for solving OR Models, methodology of OR, Basic operation research models, computer software for operations reaserch. Linear programming, structure of LP Model, General Mathematical Model of Linear programming problem, LP model formulation of production, marketing finance, agriculture and transportation.

Unit-II

Graphical solution methods of LP problems, including Isoprofit (cost) function line approach. Some special cases : Simplex method, duality in LP programming prolem and its economic interpretation, difference between primal and dual, dual simplex method.

Unit-III

Goal programming, difference between LP and GP approach, concept of goal programming, GP model formulation, Graphical solution method of GP. Modified simplex method of goal programming. Alternative simplex method for goal programming.

Unit-IV

Transportation problem, mathematical model of transportation problem, the transportation method, Methods for finding initial solutions Tests for optimality.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to

ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Taha, Hamdy, A, " Operations Research", seventh Pearson education.
- Sharma, L.K. "Operations Research" Theory and application, second edition.
- Kambo, N.S. "Mathematical programming techniques".
- Kaufmann-A, Methods and modles of operations Research. Pretice-Hall International Series in management.
- Sasieni M. Yaspan A., Friedmon L. Operations Research methods. Wiley International Edition.

**M.A. Final (SEMESTER- III)
PAPER-XIV & XV (vii)
MANAGERIAL ECONOMICS - I**

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Meaning and nature of Managerial Economics; How does economics contribute to Managerial functions, Business decisions and Economic analysis, the scope of Managerial Economics : Application of Micro Economics to operational issues, Applications of Macro Economics to Business environment, The gap between theory and practice and the Role of Managerial Economics.

Unit-II

Analysis of Market Demand : Meaning of Market Demand, Types of Demand, Determinants of Market Demand, Demand Elasticities, importance of the elasticity concept, Price elasticity of demand, measuring price elasticity from a Demand function, Determinants of price elasticity of Demand, Price elasticity and total revenue, Price elasticity and marginal revenue, cross-elasticity of demand, Income-Elasticity of Demand, Elasticity of Price Expectations, Promotional elasticity of sales.

Unit-III

Demand forecasting : why demand forecasting, Techniques of demand forecasting, survey methods : complete emuneration, sample survey and end-use methods, opinion poll methods: Expert-opinion method, Delphi method and market studies and experiments, statistical methods : Trend projections methods based on time series data, Econometric Methods.

Unit-IV

Cost and Break-even Analysis - Some Accounting and Analytical cost concepts; Economies and diseconomies of scale, Break-even Analysis

: linear and non-linear cost and Revenue functions; Contribution Analysis, Profit Volume Ratio, Margin of Safety.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Haynes and Benry, Managerial Economics
- Baumol, Economic Theory and Operations Analysis
- Koutsoyiannis, Modern Micro Economics
- J. Dean, Managerial Economics
- Mote, Paul and Gpta, Managerial Economics
- Biarman & Smith, The Capital Budgeting Decisions.
- Varsghney and Maheswari, Managerial Economics

M.A. Final (SEMESTER- IV)

PAPER-XVI

INDIAN ECONOMY - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Agriculture : Role and features of Indian agriculture; Technological change in agriculture; Trends in agricultural productions and productivity; WTO and Indian agriculture.

Poverty in India – Absolute and relative analysis of poverty.

Unit-II

Industry : Growth and pattern of industrialization; New industrial policy and liberalisation – impact on Indian economy; Public Sector enterprises – trends and performance; Small and cottage industries; issues of privatization.

Unemployment and Migration in India.

Unit-III

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

Unit-IV

Environment as necessity-amenity and public goods; causes of environmental and ecosystem degeneration-policies for controlling pollution-economic and persuasive; their relative effectiveness in LDCs; Relation between population, poverty and environment degradation-micro-planning for environment and ecopreservation-water sheds, joint forest management and self-help groups.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it

shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Sen, R.K. and . Chatterjee (2001), Indian Economy : Agenda for 21st Century.
- Dhar, P.K., Indian Economy- Its growing dimensions, Kalyani Publishers, New Delhi (Latest Edition)
- Mishra, S.K. and V.K. Puri Indian Economy - 1st Development Experience, Himalaya Publishing House, Mumbai, Latest Edition.
- Economic Surveys, Government of India, various issues.
- Reserve Bank of India, *Report on Currency and Finance* (Annual).

M.A. Final (SEMESTER- IV)

PAPER-XVII

INTERNATIONAL TRADE AND FINANCE - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Foreign trade multiplier with and without foreign repercussions and determination of national income and output; Relative merits and demerits of fixed and flexible exchange rate in the context of growth and development in developing countries. Forms of economic cooperation; Static and Dynamic effects of custom union and free trade areas.

Unit-II

International Monetary System and Trade Policies in India: Multilateralism and WTO; rise and fall off gold standard and Brettonwood system; Need, adequacy and determinants of international reserves; Conditionality clause of IMF; Emerging International Monetary System with special reference to Post Maastris hit developments and developing countries; Reforms of the International Monetary System, Theory of regionalism at global level – collapse of Brettonwood system. Optimum currency Areas – Theory and impact in the developed and developing countries.

Unit-III

Indian and developing countries; Functions of GATT/WTO (TRIPS, TRIMS); Recent changes in the direction and composition of trade and their implication; Rationale and impact of trade reforms since 1991 on balance of payments, employment and growth.

Unit-IV

Problems of India's International debt; Working and regulations of MNCs in India, Instrument of export promotion and recent import and export policies and agenda for future.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Bhagwati, J. (Ed.) (1981), *International Trade, Selected Readings*, Cambridge University press, Massachusetts.
- Carbooth, M. (1999), *International Economics*, International Thompson Publishing, New York.
- Chacholiades, M. (1990) *International Trade; Theory and Policy*, McGraw Hill, Kogakusha, Japan.
- Dana, M.S. (2000), *International Economics : Study Guide and Work Book (5th Edition)*, Rutledge Publishers, London.
- Dunn, R.M. and J.H. Mutt (2000), *International Economics*, Rutledge Publishers, London.
- Kenen, P.B. (1994), *The International Economy*, Cambridge University Press, London.
- Kindleberger, C.P. (1973), *International Economics*, R.D. Irwin, Homewood.
- King, P.G. (1995), *International Economics and International Economic Policy : A reader*, McGraw Hill International, Singapore.
- Krufman, P.R. and M. Obstfeld (1994), *International Economics : Theory and Policy*, Glenview, Foresman.
- Salvatore, D. (1997), *International Economics*, Prentice Hall, Upper Saddle River, N.J. New York.
- Soderston, BO (1991), *International Economics*, The Macmillan Press Ltd. London.

M.A. Final (SEMESTER- IV)

PAPER-XVIII

PUBLIC ECONOMICS - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Fiscal Federalism : Principles of multi-unit finance; principles of grant design; India's fiscal federalism, vertical and horizontal imbalances, assignment of functions and sources of revenue; constitutional provisions; Finance Commissions and Planning Commission.

Unit-II

Centre-State financial relations in india, problems of State's resources and indebtedness; transfer of resources from Union to States and, States to Local Bodies. Public Finance – Trends in revenue and expenditures of the Central and State Governments.

Unit-III

Fiscal Policy : Instruments and transmission mechanisms; fiscal policy for stabilization-automatic vs. discretionary stabilization; various concepts of budgetary deficits; fiscal deficit in India : extend, trend and implication.

Unit-IV

Public debts; India's public debt since 1951-growth, composition, ownership pattern and debt management. Fiscal reforms in India.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Masgrave R.A. and Masgrave P.B., *Public Economics in Theory and Practice*, McGraw Hill.
- Stiglitz, J.E., *Economics of Public Sector*, J.W. Norton & Company.
- Singh, S.K., *Public Finance in Theory and Practice*, S. Chand & Co.
- Government of India, Ministry of Finance : Economics Survey (of various years).
- Raja J. Chaliah, *Towards Sustainable Growth, Essays in Fiscal and Financial Sector Reforms in India*, Oxford University Press, Delhi, 1996.
- Deena Khatkhate (ed.) *Money and Finance, Issue, Institutions, Policy*, Sameeksha Trust, Orient Longman, 1998.
- Kunal Sen & Rajendra R. Vidya (ed.) *Process of Financial Liberalization in India*, Oxford University Press, 1997.
- Mundal Sudipto (ed.) *Public Finance : Policy Issue of India*.
- Brown C.V. and Jackson P.M. (1990), Public Sector Economics, Basil Blackwell, Oxford.
- M. Govindia Rao and Tapan Sen (1998), Financial Federalism in India.
- Atkinson A.B. and Stiglitz, J.E. (1980), Lectures on public Finance, Tata McGraw Hill.
- Auerbach, A.J. and M. Feldstern (ed.) (1985), Handbook of Public Economics, Vol-I, North Holland, Amsterdam.
- Raghavendra Jha (1999), Modern Public Economics, Rotledge, London.
- Srivastava D.K. (ed.) (2000), Fiscal Federalism in India, Har-Anand Publication Ltd. New Delhi.
- Bhargava P.K. (1991), India's Fiscal Crisis, Ashish Publishing House, New Delhi.
- Govt. of India, Ministry of Finance (1988), Sarkaria Commission Report on Centre-State Finance Relations.

M.A. Final (SEMESTER- IV)
PAPER-XIX & XX
MATHEMATICAL ECONOMICS - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Constrained optimization of a producer, Generalization of n variable case; input demand function; Adding up theorem; Technical progress through production function; Analysis of joint profit maximization and multiproduct firm; Production possibility curve; Empirical uses of production function analysis.

Unit-II

Idea of self dual functional form; derivation of short run-long run cost function; Cobb-Douglas (CD) and Translog (TL) cost functions.

Unit-III

Price determination in perfect competition, monopoly, monopolistic competition, duopoly, oligopoly; Pricing of factors of production; Bilateral monopoly; Single market equilibrium - Marshallian and Walrasian equilibrium conditions; Lagged market equilibrium : Multi-market equilibrium system of Walras;

Unit-IV

Classical and Keynes' macro system; Static and dynamic multiplier; Determinants of investment;

Accelerator; trade cycle model of Samuelson and Hicks; harrod problem; Neoclassical model of growth; Solow and Meade growth models with technical progress; Optimal growth; and golden rule of accumulation.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it

shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- 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.
- Henderson, J.M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
- Chung, J.W. (1993), Utility and Production : Theory and Applications Basil Blackwell, London.
- Ferguson, C.E. (1976), Neo-Classical Theory of Production and Distribution.

M.A. Final (SEMESTER- III)

PAPER-XIX & XX (ii)

INDUSTRIAL ECONOMICS - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

MNC and transfer of technology; Liberalization and privatization; Regional Industrial growth in India; Industrial economic concentration and remedial measures; Issues in industrial proliferation and environment preservation; Pollution control policies.

Unit-II

Industrial finance; Owned, external and other components of funds; Role, nature, volume and types of institutional finance - IDBI, IFCI, SFCs, SIDC, commercial banks etc. financial statement-Balance Sheet, Profit and Loss Account; assessment of financial soundness, ratio analysis.

Unit-III

Cost-benefit analysis-Net Present Value (NPV) and internal rate of return (IRR) criteria-balancing private and social returns; industrial labour : Structure of industrial labour, Employment dimensions of Indian industry; industrial legislation.

Unit-IV

Industrial Labour - Problems, policies and reforms in India

Current Problems of Selected Industries : Iron and Steel; Cotton Textiles : Jute : Sugar : Coal, Cement and engineering goods; Development of small-scale and cottage industries in India.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be

compulsary.

Suggested Reading :

- 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. Morris (1976) Industrial Economics : Theory and Evidence University Press, New Delhi.
- Kuchal S.C. (1980) Industrial Economy of India (5th Edition), Chaitanya Publishing House Allabad.
- Reserve Bank of India Report on currency and Finance (Annual)
- Singh, A. and A.N. Sadhu (1988), Industrial Economics, Himalaya, Publishing House, Bombay.

M.A. Final (SEMESTER- IV)
PAPER-XIX & XX (iii)
AGRICULTURAL ECONOMICS - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Land Reforms in India : Agricultural Development and Tenurial Conditions; Land Reforms - The Theoretical Issues (Meaning, Important changes caused by Land Reforms and Objectives of Land Reforms); reforms; Ceiling on Land Holdings; Implementation of Land Reforms in India. Strategy for Development of Indian Agriculture : The Green Revolution; Factors responsible for Green Revolution; Economics Benefits of Green Revolution; Measures for making Green Revolution all pervasive; Regional disparities created by Green Revolution; Inter-farm disparity in Income; Green Revolution and Employment. Trends in Migration and Labour markets; Minimum Wages Act.

Unit-II

Terms of Trade between Agriculture and Industry : Meaning; Impact of change in terms of trade in favour of and against agriculture; changes in terms of trade between agriculture and industry during the course of economic development; Terms of trade between agriculture and industry in India since independence. Agricultural Marketing: Need for an efficient system of agricultural marketing; Efficiency of agricultural Marketing system in India; Measures to improve the efficiency of agricultural marketing in India. Cooperative movement in India-organization structure and development of different types of cooperatives in India.

Unit-III

Agricultural Credit : Importance of agricultural credit; Sources (formal and informal), problems and Government policies since Independence. Capital formation in the rural sector- savings, assets and credits. Issues in Agriculture price policy. Objectives of Agricultural Price Policy; Main

elements of Agricultural Price Policy; Agricultural Price Policy in India; Its evolution; objectives of price policy in India; Important constituents of Agriculture Price Policy in India; Critical Evaluation of India's Agriculture Price Policy; Need for revision of Agricultural Price Policy in India.

Unit-IV

The New Economic Policy and Indian Agriculture : Macro Economic Stabilization measures; structural Adjustments in the Agricultural Sector. World Trade Organization and Indian Agriculture; Model of Production Debate : Private V/s Public investment in Agriculture; Trends in public and private investment in Indian Agriculture.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

As suggested in Semester 3rd.

M.A. Final (SEMESTER- IV)

PAPER-XIX & XX (iv)

FINANCIAL INSTITUTIONS AND MARKETS - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Proliferation of banking and non-bank financial intermediaries- Effectiveness of monetary Policy - Credit creation and its control; Profitability and efficiency of banks.

Commercial banks and Co-operative banks.

Unit-II

Development banks- Role and functions; Investment and merchant banking; Financial sector reforms in India- Definition and types of non-bank financial institutions : Their growth and impact on India's economic development, Measures taken to control their operations.

Unit-III

Role of money market and capital market : Call money market, Treasury bill market, Commercial bill market including commercial paper and certificate of deposits, Discount market- Government securities market- Market for derivation : future and options, and other derivatives : types, uses and pricing of derivation- Primary and secondary market of securities.

Unit-IV

SEBI : its impact on the working of capital market in India; IRDA and its role in financial markets - Theory of optimum currency areas - Euro-dollar and Euro-Currency markets-Their development role at international level.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it

shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
- Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahabad.
- Edminister, R.O.(1986), Financial Institutions, Market and Management, McGraw Hill, New York.
- Goldsmith, R.W. (1969), Financial Structure and Development, Yale London.
- Hanson, J.A. and S. Kathuria (Eds.) (1999), India : A Financial Sector for the Twenty-first Century, Oxford University Press, New Delhi.
- Karker, P.T. and S.A. Zenios (2000) (Ed.), Performance of Financial Institutions, Cambridge University Press, Cambridge.
- Johnson, H.J., (1993), Financial Institutions and Markets, McGraw Hill New York.
- Khan M.Y. (1996), - Indian Financial Systems, Tata McGraw Hill, New Delhi.
- Machiraju, M.R. (1999), Indian Financial System, Vikash 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.
- Robinson, R.I. and D. Wrightman (1981), Financial Markets, McGraw Hill, London.
- Smith, P.F. (1978), Money and Financial Intermediation: The Theory and
- Structure of Financial System, Prentice Hall, Englewood-Cliffs, New Jersey.

M.A. Final (SEMESTER- IV)

PAPER-XIX & XX (v)

ECONOMETRICS - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Dynamic Econometric Models : Autoregressive and distributed lag models - Koyck Model, Adaptive expectation and Partial Adjustment approaches for rationalization of Koyck models, Estimation of Autoregressive models, Granger causality and exogeneity.

Unit-II

Dummy variable Regression Models: The Nature of Dummy variable, caution in the use of Dummy variables, ANOVA MODELS with two qualitative variables, ANCOV MODELS, The use of Dummy variables in seasonal analysis and Interaction Effects.

Unit-III

Simultaneous equations model : The simultaneous equation bias and inconsistency of OLS estimators; The identification problem; Rules of identification- order and rank conditions (statement only), Methods of estimating simultaneous equation system : Indirect Least squares (ILS), 2 SLS (Two state least squares), Least variance ratio method, Sure (seemingly unrelated regression method). Estimation of Translog Production and Translog cost function.

Unit-IV

Time series Econometrics : Key concepts - stochastic process; stationarity and non stationarity process, purely random process, Random walk models co-integration, Integrated variables, Deterministic and stochastic trends and unit root.

Techniques of Forecasting : ARIMA MODELS, Box - Jenkin Methodology.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Gujarati, D.N. (1995), Basic Econometrics (2nd Edition), McGraw Hill, New Delhi.
- Koutsoyiannis, A. (1997), Theory of Econometrics (2nd Edition), The Macmillan Press Ltd., London.
- Johnston, J. (1991), Econometrics Methods, McGraw Hill Book Company, London.
- Maddala, G.S. (1993), Econometrics Applications, (2 Vol.) Alder Shot, U.K.
- Krishna K.L. (1997), Elements of Econometrics Application in India, Oxford University Press, New Delhi.
- Kmenta, J. (1997), Elements of Econometrics, University of Michigan Press, New Delhi.
- Intrilligator, M.D. (1978), Econometrics Techniques and Applications, Prentice Hall, New Jersey.
- Pindyck, R.S. and D.L. Rubinfeld (1976), Econometric Models and Economic Forecasts, McGraw Hill, Tokyo.
- Frances, P.H. (1998), Time Series Models/or Business and Economic Forecasting, Cambridge University Press, Cambridge.
- Harvey, A.C. (1981), Econometric Analysis of Time Series, Phillip Allen, London.
- Madnani, G.M.K. (1999), Introduction of Econometrics.
- Intrilligator, M.J. and Hasio Badkin (1996), Econometric Models, Techniques and Applications, Prentice Hall.

M.A. Final (SEMESTER- IV)
PAPER-XIX & XX (vi)
OPERATIONS RESEARCH - II

Maximum Marks : 100

External Examination : 80

Internal Assessment : 20

Time : 3 hours

Unit - I

Theory of games : Introduction, two person zero-sum games, Pure strategies, mixed strategies, Principle of dominance, solution methods of games without saddle point.

Unit-II

Network models- minimal spanning tree algorithm, shortest route problem, maximal flow model, minimum cost capacitated flow problem, CPM and PERT.

Unit-III

Simulation, steps of simulation process, stochastic simulation and Random numbers, simulation of inventory problems, simulation of queuing problems, simulation of investment problems, simulation of maintenance problems, simulation of pert problems.

Unit-IV

Sequencing : notation, terminology and assumption, processing n jobs through two machines, processing n jobs through 3 machines, processing n jobs through m machines, processing two jobs through m machines.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Taha, Hamdy, A, " Operations Research", seventh Pearson education.
- Sharma, J.K. "Operations Research" Theory and application, second edition.
- Kambo, N.S. "Mathematical programming techniques".
- Kaufmann-A, Methods and modles of operations Research. Pretice-Hall International Series in management.
- Sasieni M. Yaspan A., Friedmon L. Operations Research methods. Wiley International Edition.

M.A. Final (SEMESTER- IV)**PAPER-XIX & XX (vii)****MANAGERIAL ECONOMICS - I****Maximum Marks : 100****External Examination : 80****Internal Assessment : 20****Time : 3 hours****Unit - I**

Alternative Theories of Firm – Baumol's Theory of Sales Revenue maximization, Baumol's Model without Advertising, Marris's Theory of maximization of Growth Rate; Maximization of Managerial utility function: William son's Model; The Behavioural Model of cyert and March, Conventional Vs. Alternative theories of firm.

Unit-II

Pricing Strategies and Practices-Cost-plus pricing-make-up pricing and marginalist Rule, Multiple Product Pricing, Pricing in life-cycle of a product, Pricing in Relation of Established products, Transfer Pricing, Competitive Bidding of price and Peak Load Pricing.

Unit-III

Capital Budgeting and investment under certainty -pre-requisition of Capital Budgeting, Determining the optimumlevel of Capital, Invetment Decisions under Certainty – Pay-back Period Method, Net Present Value Method, internal rate of return criteria, source and cost of capital.

Unit-IV

Government and Market Economy: Need for Government intervention in a market economy, imperfections and failures of market mechanism, market failure characteristics and the role of Government, Tools of intervention, Rethinking on the role of Government under Globalisation Privatisation.

Note : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it

shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading :

- Haynes and Benry, Managerial Economics
- Baumol, Economic Theory and Operations Analysis
- Koutsoyiannis, Modern Micro Economics
- J. Dean, Managerial Economics
- Mote, Paul and Gpta, Managerial Economics
- Biarman & Smith, The Capital Budgeting Decisions.
- Varsghney and Maheswari, Managerial Economics