

**Department of Applied Economics
Telangana University**

Micro Economics – Semester I

**Paper – I
Syllabus**

Unit – I: Demand Analysis: Introduction to Economics – Definition, Nature and Scope of Economics – Micro and Macro Economic Analyses – Concept of Demand and Law of Demand – Determinants of Demand – Types of Demand – Demand Function – Shifts in Demand – Concept of Supply and Law of Supply – Market Equilibrium – Elasticity of Demand – Price, Income and Cross Elasticities of Demand – Measurement Methods of Price Elasticity of Demand

Unit – II: Utility Analysis :

Cardinal and Ordinal Utility Approaches – Law of Diminishing Marginal Utility – Law of Equi-Marginal Utility – Consumer Surplus – Indifference Curve Analysis: Assumptions, Properties, Budget Line and Consumer's Equilibrium – Derivation of Demand Curve with the help of Indifference Curves – Price Effect, Income Effect and Substitution Effect

Unit – III: Production Analysis: Concepts of Production, Production Function and Factors of Production – Factor Payments: Rent, Wages, Interest and Profit – Law of Variable Proportions – Isoquant, Isocost Curves and Producer's Equilibrium – Laws of Returns to Scale – Economies and Diseconomies of Scale – Cost Analysis: Total, Average and Marginal Cost Curves in Short Run and Long Run – Revenue Analysis: Total, Average and Marginal Revenue Curves – Relationship among Average Revenue, Marginal Revenue and Elasticity of Demand

Unit – IV: Market Structure Analysis- I: Concepts of Firm, Industry and Market – Classification of Markets – Objectives of the Firm – Equilibrium of a Firm – Perfect Competition: Concept, Characteristics, Equilibrium of Firm and Industry during Short Run and Long Run – Monopoly: Concept, Types, Characteristics and Equilibrium of the Firm – Price Discrimination – Comparison between Perfect Competition and Monopoly

Unit – V: Market Structure Analysis – II: Monopolistic Competition: Concept, Characteristics, Equilibrium of the Firm and Selling Costs – Oligopoly: Concept, Characteristics and Price Rigidity – Kinky Demand Curve – Duopoly: Concept and Characteristics – Cournot Model

Reference Books:

| | | |
|-------------------|---|--|
| A Koutsoyiannis | : | Modern Micro Economics |
| Stonier and Hague | : | A Text Book of Economic Theory |
| Salvatore | : | Micro Economics |
| Schaum Series | : | Micro Economics |
| Pyndick | : | Micro Economics |
| Gregory Mankiw | : | Principles of Micro Economics |
| M L Seth | : | Micro Economics |
| M L Jhingan | : | Micro Economics |
| H L Ahuja | : | Modern Micro Economics |
| HS Agarwal | : | Principles of Economics |
| A Sen | : | Micro Economics: theory and Applications |

Department of Applied Economics
Telangana University
Macro Economics – Semester II
Paper – II
Syllabus

Unit – I: Introduction: Meaning, Nature & Scope and Importance of Macro Economics – Concept of Circular Flow of Incomes – Macro Economic Paradox – National Income Analysis: Concepts and Components – Methods of Measurement – Importance of and Difficulties in the Estimation of National Income – Limitations of National Income as a Measure of Welfare – Social Accounting

Unit – II: Theories of Income and Employment: Classical Theory of Employment: Say's Law of Markets and Pigou's Wage Cut Policy – Keynesian Theory of Income and Employment: Effective Demand, Aggregate Demand Function and Aggregate Supply Function – Consumption Function: Average Propensity to Consume (APC) and Marginal Propensity to Consume (MPC) – Factors Determining Consumption Function – Savings Function: Average Propensity to Save and Marginal Propensity to Save – Concepts of Multiplier, Accelerator and Super-Multiplier

Unit – III: Investment & Theories of Interest Rate: Capital and Investment: Types of Investment, Determinants of Level of Investment – Marginal Efficiency of Capital – Ex-Post and Ex-Ante Investment and Savings – Classical, Neo-Classical and Keynesian Theories of Interest – Simultaneous Determination of Interest and Real Income through IS-LM Framework in a Closed Economy

Unit – IV: Supply of Money & Demand for Money: Meaning, Functions and Classification of Money – Money Supply: Measures – Measures of Money Supply with reference to India: M1, M2, M3 and M4 – Classical Theories of Money: Fisher's and Cambridge Versions of Quantity Theory of Money – Keynes' Theory of Money and Prices.

Unit – V: Inflation & Trade Cycles: Inflation: Concept, Types, Causes and Measurement – Effects (Consequences) of Inflation – Measures to Control Inflation – Concepts of Phillips Curve, Deflation and Stagflation – Trade Cycles: Concept, Nature, Causes, Phases and Remedial Measures.

Reference Books:

- Ackley, G (1976) : Macro Economics: Theory and Policy, Macmillan, New York
Shapiro, E (1996) : Macro Economic Analysis, Galgotia Publications, New Delhi
J R Hicks : Social Framework
Becan Man Wilfred : Introduction to National Income Analysis
Hansen A H (1953) : A Guide to Keynes, McGraw Hill, New York
Keynes JM (1936) : The General Theory of Employment, Interest and Money,
MC Vaish : Macro Economic Theory
HL Ahuja : Macro Economic Theory & Policy
Vanitha Agarwal : Macro Economic Theory & Policy, Pearson Education
HL Ahuja : Macro Economic Analysis
Branson : Macro Economics
Gupta, SB : Monetary Economics: Institutions, Theory and Policy
Rakshit, M : Studies in Macro Economics of Developing Countries, Oxford University Press, New York
R. Dorn Busch et al : Macro Economics, Tata McGraw Hill, 2004
M.L. Seth : Macro Economics, Lakshmi Narain Agarwal, Agra, 2006

Telangana University
B.A. (Economics) Syllabus
II Year (W.e.f., 2017-18)
Semester – III
Quantitative Methods for Economic Analysis

Unit – I: Mathematical Foundations of Economic Analysis:

Importance of Quantitative Methods in Economics – Meaning and Basic Concepts of Mathematics: Constants and Variables – Functions: Linear, Non-Linear Functions – Equations and Graphs of Linear, Quadratic and Cubic Functions – Concept of Derivative – Rules of Differentiation with respect to Cost, Revenue and Demand Functions – Application of Maxima and Minima in Economic Analysis

Unit – II: Introduction to Statistics:

Meaning and Basic Concepts of Statistics – Population and Sample, Frequency Distribution, Cumulative Frequency – Graphic and Diagrammatic Representation of Data – Types of Data: Primary and Secondary Data – Methods of Collecting Data: Census and Sampling Methods (Random, Non-random Sampling Methods)

Unit – III: Measures of Central Tendency and Dispersion:

Measures of Central Tendency : Mean, Median, Mode, Geometric Mean and Harmonic Mean – Properties of Good Average – Comparison of Different Averages – Measures of Dispersion – Absolute and Relative Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation, Coefficient of Variation and Variance

Unit – IV: Correlation and Regression:


Correlation: Meaning and Types – Karl Pearson's Correlation Co-efficient – Spearman's Rank Correlation – Regression: Meaning and Uses of Regression – Estimation and Interpretation of Regression Line

Unit – V: Index Numbers and Time Series Analysis:

Index Numbers: Meaning and Uses – Types of Index Numbers – Methods of Index Numbers: Laspeyres, Paasche and Fisher – Analysis of Time-Series: Meaning and Uses – Components of Time Series Analysis: Secular, Seasonal, Cyclical and Irregular Variations – Methods of Measurement of Secular Trends: Graphic, Semi-Averages, Moving Averages and Least Squares Methods.

Reference Books

- Allen, RGD : Mathematical Analysis for Economists, Macmillan Press, London.
Bhardwaj RS : Mathematics for Economics and Business, Excel Books, New Delhi
Bose : Mathematics for Economics, Himalaya Publishing, New Delhi
: Fundamental Methods of Mathematical Economics McGraw Hill, New
Chiang, AC Delhi
Nagar & Das : Basic Statistics
S.P. Gupta : Statistics


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Telangana University
B.A. (Economics) Syllabus
II Year (W.e.f., 2017-18)
Semester – IV
Public Finance and International Economics

Unit – I: Public Revenue:

Nature and Scope of Public Finance – Public Revenue: Sources and Classification – Direct and Indirect Taxes: Progressive, Proportional and Regressive Taxes – Canons of Taxation – Characteristics of a Good Tax System – Impact and Incidence of Taxation – Effects of Taxation

Unit – II: Public Expenditure and Public Debt:

Public Expenditure: Classification and Principles – Determinants of Public Expenditure – Effects of Public Expenditure – Public Debt: Nature, Sources, Classification, Effects and Redemption – Debt Trap

Unit – III: Indian Public Finance:

Indian Tax System: GST (Merits and Demerits), – Public Expenditure and Public Debt in India - Federal Finance – Centre-State Financial Relations – Functions of Finance Commission – Budget: Concepts & Types – Revenue Account – Capital Account – Types of Budget Deficits – Fiscal Responsibility and Budget Management (FRBM)

Unit – IV: International Trade:


Introduction to International Trade - Gains from Trade – Role of International Trade in Economic Development - Concept of Terms of Trade – Factors Affecting Terms of Trade – Tariffs – Quotas – Balance of Trade – Exports and Imports in India- Functions of WTO and its Impact on India.

Unit – V: Balance of Payments and Exchange Rates:

Concept – Components and Determinants of Balance of Payments – Equilibrium and Disequilibrium in Balance of Payments – Measures to Correct Disequilibrium in Balance of Payments – Recent Trends in India's Balance of Payments – Exchange Rates: Concept and Types- FEMA- Functions of IMF.

Reference Books

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|----|----------------------------|---|
| 1 | Houghton, J M (1970) | The Public Finance: Selected Readings, Penguin, Harmonds worth |
| 2 | Jha, R (1998) | Modern Public Economics, Routledge , London |
| 3 | Menutt, P (1996) | The Economics of Public Choice, Edward Elgar, U.K. |
| 4 | Musgrave, R A (1959) | The Theory of Public Finance , McGraw Hill, Kogakusha, Tokyo |
| 5 | RA Musgrave & PB Musgrave | Public Finance in Theory and Practice, McGraw Hill, Kogakus ha, Tokyo |
| 6 | S K Singh | Public Economics |
| 7 | Om Prakash | Public Economics |
| 8 | M L Jhingan | Public Economics |
| 9 | H L Bhatia | Public Economics |
| 10 | Sodersten Bo | International Economics, Macmillan Press Ltd., London |
| 11 | Vaish MC and Sudhama Singh | International Economics, Himalaya Publis hing, House, New Delhi |
| 12 | Salvatore, D L | International Economics, Prentice Hall |
| 13 | Mithani DM | International Economics, Himalaya, Mumbai |
| 14 | Mannar HG | International Economics, Vikas, Delhi |
| 15 | Desai | International Economics, Himalaya, New Delhi |


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B.A. (ECONOMICS) SYLLABUS
SEMESTER – V: CORE COURSE (Credits - 4)
PAPER - V: INDIAN ECONOMY

Unit – I: Basic Structure of the Indian Economy

Concepts of Development, Underdevelopment – Basic Features of Indian Economy: Growth and Structural Changes in Indian Economy – Demographic Features – Population: Size, Growth, Composition and their Implications on Indian Economy – Concept of Demographic Dividend – Occupational Distribution of Population in India – Population Policy of India.

Unit – II: National Income, Poverty and Unemployment

Estimation of National Income – Trends and Composition of National Income in India – Income Inequalities in India: Magnitude, Causes, Consequences and Remedial Measures – Poverty in India: Concept, Types, Causes and Consequences – Unemployment in India: Concept, Types, Trends, Causes and Consequences – Poverty Alleviation and Employment Generation Programmes in India.

Unit – III: Planning and Public Policy

Five Year Plans: Concept and Objectives – Review of Five Year Plans – NITI Aayog – Economic Reforms: Liberalization, Privatization and Globalization – Impact of WTO on Indian Economy.

Unit – IV: Agricultural and Industrial Sectors

Importance and Role of Agriculture in Indian Economy – Trends in Agricultural Production and Productivity – Land Reforms – Green Revolution – Agricultural Finance – Agricultural Marketing – Agricultural Pricing – Food Security in India. Structure, Growth, Importance and Problems of Indian Industry – Large, Medium and Small Scale Industries: Role and Problems – Industrial Policies of 1948, 1956 and 1991 – FEMA and Competition Commission of India – Disinvestment Policy – Foreign Direct Investment.


References:

SK Misra and Puri
Ishwar C Dhigra

: Indian Economy, Himalaya Publishing House
: The Indian Economy: Environment and Policy, SC Chand & Sons, New Delhi

Dutt and Sundaram

: Indian Economy


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B.A. (ECONOMICS) SYLLABUS

SEMESTER – V: DISCIPLINE SPECIFIC ELECTIVES

PAPER -VI (A): ECONOMICS OF DEVELOPMENT AND INFRASTRUCTURE

Unit-I: Economic Development and Growth

Concepts of Economic Growth and Development - Measuring Economic Development: Per Capita Income, Basic Needs, Physical Quality of Life Index (PQLI), Human Development Index (HDI) and other indices

Unit-II: Factors of Economic Development

Characteristics of Under Developed Countries - Factors determining Economic Development - Population and Economic Development - Theories of Demographic Transition - Human Resource Development and Economic Development.

Unit-III: Theories of Economic Development

Nurkse's Balanced Growth Strategy, Hirschman's Un-balanced Growth Strategy – Lewis' Theory of Unlimited Supply of Labour – Rodan's Big-push Theory – Schumpeter's Theory of Innovations - Choice of Techniques.

Unit-IV: Infrastructure and Economic Development

Infrastructure and Economic Development – Infrastructure as a Public Good – Social and Physical Infrastructure – Special Characteristics of Public Utilities – Social Infrastructure: Education and Health. Energy: Sources of Energy: Renewable and Non-conventional Energy – Factors Determining Demand and Supply of Energy – Information and Communication Technology (ICT) – Role of ICT in Economic Development – Transportation: Modes of Transport – Role of Transportation in Economic Development.

References:

- Mier, Gerald, M : Leading issues in Economic Development, OUP, Delhi
: Economic Development in the third world, Orient
- Todaro, Micheal P Longman,
Hyderabad
- GhatakSubrata : Introduction to development economics
- Sukumoychakravarthi : Development Planning- Indian
Experience, OUP, Delhi
- Misra & Puri Economic Development and Planning, theory and practice
- Crew, M.A & P.R. Kleindorfer: Public Utility Economics, Macmillian, London.
- Kneafsey, J.T : Transportation Economic Analysis, Lexington, Torouts.
- McCrakis, M.S.(Ed.) : Energy, Demand Conservation and Institution Problems,

Norton, HS
Panchamukhi, P.R.

Tilak, J.B.G.

Macmillan, London.
: Modern Transport Economics, CE Merrill, London.
: Economics of Health: A Trend Report in ICSSR, A Survey of
Research in Economics, Vol. VI, Infrastructure, Allied, Delhi.
: Education for Development in Asia, Sage Publications, New
Delhi


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B.A. (ECONOMICS) SYLLABUS
SEMESTER – V: DISCIPLINE SPECIFIC ELECTIVES
PAPER -VI (B): FINANCIAL INSTITUTIONS AND MARKETS

Unit - I: Financial System – An Introduction

Financial System: Concept, Nature – Functions of the Financial System – The Structure of the Financial System - Financial Market Development: Indicators – Equilibrium in Financial Markets – Financial System and Economic Development.

Unit - II: Banking in India

Commercial banks: Types, Functions – Process of Credit Creation - Functions of Central Bank - The Aims and Objectives of the Monetary Policy - Instruments of Monetary Policy - Definition and Types of Non-bank Financial Institutions: Their Growth and Impact on India's Economic Development - Financial Sector Reforms in India.

Unit - III: Development Banking

Development Bank: Concept, Functions and Importance – Different Development Banks – Investment Banking – Merchant Banking

Unit -IV: Financial Markets

Money Market: Concept, Components and Functions – Capital Market: Concept, Components and Functions - Call Money Market – Treasury Bill Market - Commercial Bill Market – Commercial Paper and Certificate of Deposits- Discount Market - Stock Exchange: Concepts and Functions – SEBI: Functions - Recent Changes in New Issues. Foreign Exchange Market – Exchange Rates - Devaluation, and Depreciation – International Liquidity – Lending Operations of IMF World Bank - IDA and IFC - ADB – BRICS - Euro-Dollar and Euro-Currency Markets: Their Developmental Role and Regulation at the International Level -Foreign Exchange Market in India.


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Reference:

- 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.
- Chandra, P. (1997) : Financial Markets, (4th Edition), Tata McGraw Hill, New Delhi.
- Edminster, R.O. (1986) : Financial Institutions, Markets and Management, McGraw Hill, New York.
- Fisher, G.E. and R.J. Jordan (1992) : Security Analysis and Portfolio Management, Eastern Economy Edition, New Delhi.
- 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.
- Harker, P.T. and S.A. Zenios (ed.), (2000) : Performance of Financial Institutions, Cambridge University Press, Cambridge.
- Johnson, H.J (1996) : Financial Institutions and Markets, Tata McGraw Hill, New Delhi.
- Khan, M.Y. (1996) : Indian Financial System, Tata McGraw Hill, New Delhi.
- Machiraju, H.R. (1997) : International Financial Markets in India, Wheeler Publishing, Allahabad.
- Machiraju, M.R. (1999) : Indian Financial Systems, Vikas Publishing House, New Delhi.
- Ohlson, J.A. (1987) : The Theory of Financial Markets and Institutions, North Holland, Amsterdam.
- Prasad, K.N. (2001) : Development of India's Financial System, Sarup & Sons, New Delhi.
- Rangarajan, C. (1999) : Indian Economics: Essays on Money and Finance, UBS Publication, New Delhi.
- Robinson, R.I and D. Wightman (1981) : Financial Markets, McGraw Hill, London.
- Smith, P.F. (1978) : Money and Financial Intermediation: The Theory and Structure of Financial System, Prentice Hall,


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B.A. (ECONOMICS) SYLLABUS
SEMESTER – V: DISCIPLINE SPECIFIC ELECTIVES
PAPER -VI (C): AGRICULTURAL ECONOMICS

Unit- I: Agriculture and Economic Development

Nature and scope of agricultural and rural economics; Traditional agriculture and its modernization; Role of agriculture in economic development; Interdependence between agriculture and industry. Agricultural development, sources of rural credit in India.

Unit- II: Agricultural Production and Productivity

Agricultural production – Resource use and efficiency; Production function analyses in agriculture; Factor combination and resource substitution, Farm size and productivity relationship laws of returns – Supply response of individual crops, Technical change, labour absorption in Agriculture.

Unit- III: Agricultural Marketing and Prices

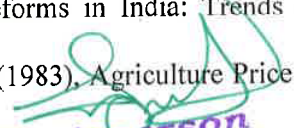
Marketing and state policy; Agricultural markets; Regulated markets; Marketed and marketable surplus; Marketing channels, Price spread, Behavior of agricultural prices - Terms of trade between agricultural and non-agricultural prices; Need for state intervention; Objectives of agricultural price policy

Unit- IV: Agricultural Growth in India

Recent trends in agricultural growth in India; Inter-regional variations in growth of output and productivity; Cropping pattern shifts; Supply of inputs - Pricing of inputs and role of subsidies; Distribution of gains from technological change; Role of Public investment and capital formation in Indian agriculture; Strategy of agricultural development; Sustainable agriculture and Food Security. International trade in agricultural commodities: Commodity agreements; Globalization of Indian economy and problems and prospects of Indian agriculture; Impact of World Trade Organization on Indian agriculture.

References

1. Bhaduri, A. (1984) The Economic Structure of Backward Agriculture, Macmillan, Delhi. Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi.
2. Dantwala M.L. Et al, (1991) Indian Agricultural Development Since Independence, Oxford & IBH New Delhi.
3. Gulati, A. and t. Kelly (1999), Trade Liberalisation and Indian Agriculture, Oxford University Press, New Delhi.
4. Joshi. P.C. (1975), Land Reforms in India: Trends and Prospects, Allied Publishers, Bombay.
5. Kahlon, A.S. and Tyagi D S (1983). Agriculture Price Policy in India, Allied Publishers,


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New Delhi.

6. Rao. C.H. Hanmantha (1975), Agricultural Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.
7. Rudra, A (1982), Indian Agricultural Economics, Myths and Reality, Allied Publishers, New Delhi.
8. Saini, G.R. (1979), Farm Size, Resource Use Efficiency and Income Distribution, Allied Publishers New Delhi.

Upender,M.(1990),Marketable an


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B.A. (ECONOMICS) SYLLABUS
Semester - V
ECONOMICS OF EDUCATION
Generic Elective

Unit - I Introduction to Economics of Education:

Definition and scope of Economics of Education. Education as Consumption and Investment goods; Human capital: the concept; Components of Human capital-Human Capital vs. Physical Capital.

Unit - II Benefits of Education:

Direct and Indirect Benefits; Private and Social Benefits; Problems in the Measurement of Costs and Benefits. Cost-Benefit Analysis in Education

Basic Reading List:

1. Blaug, Mark (1972) : Introduction to Economics of Education. Penguin, London.
2. Becker, G.S. (1974) : Human Capital. 2nd Edn., NBER, New York
3. Berman, P and M.E.Khan (1989) : Paying for India's Health Care. Sage Publications New Delhi.
4. Cohn, E and T.Gaske (1989): Economics of Education, Pergamon Press, London.
5. Klarman, H.E. (1965) : Economics of Health, Columbia University Press, New York.


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B.A. (ECONOMICS) SYLLABUS**SEMESTER – VI: INTER-DISCIPLINARY COURSE (Credits: 4)****PAPER – VII: TELANGANA ECONOMY****UNIT – I: Telangana Economy: Human Resources**

Economic History of Telangana – Demographic Features of Telangana – Occupational Distribution of Population in Telangana – Sectoral Distribution of Population – Migration - Social Infrastructural Development: Education and Health.

UNIT – II: Gross Domestic Product, Poverty and Unemployment

Trends in Gross State Domestic Product and Per Capita Income in Telangana – Sectoral Contribution to Gross State Domestic Product – Inequalities in the Distribution of Income and Wealth – Poverty in Telangana: Trends, Causes & Consequences – Unemployment in Telangana: Trends, Causes & Consequences – Other Welfare Programmes in Telangana

UNIT – III: Agricultural and Industrial Sectors

Growth of Agriculture in Telangana Economy – Trends in Agricultural Production and Productivity – Determinants of Agricultural Productivity – Cropping Pattern- Agrarian Structure and Land Reforms – Irrigation: Sources and Trends – Mission Kakatiya - Agricultural Credit and Rural Indebtedness – Agricultural Marketing – Food Security in Telangana Structure of Telangana Industry – Growth and Pattern of Industrial Development in Telangana – Industrial Policy of Telangana – Special Economic Zones (SEZ) – Role of Small Scale Industries in Telangana Economy – Problems & Remedial Measures of Small Scale Industries: Issue of Sickness – Industrial Finance in Telangana

UNIT – IV: Service and Infrastructural Sectors

Importance of Tertiary Sector in Telangana – Infrastructural Development in Telangana: Transport, Energy, Communication and Information Technology – Science & Technology – Banking & Insurance – Tourism Development – Regional Imbalances: Causes, Consequences & Remedial Measures.

References

- 1) Planning Dept. Govt.ofTelangana (2017) Reinventing Telangana – Socio – Economic Outlook – 2017.
- 2) Srikrishna Committee (2010): Report of Committee for consultation on situation in Andhra Pradesh.
- 3) Telugu Academy (2016) Telangana Economy. E.Revathi and S.KishanRao (Edt.)

B.A. (ECONOMICS) SYLLABUS**SEMESTER – VI: DISCIPLINE SPECIFIC ELECTIVE (Credits: 4)****PAPER – VIII (A): ECONOMICS OF ENVIRONMENT****Unit - I: Introduction**

Definition, Concept of Ecology and Environment - Micro Economic Theory of Environment - The Pricing of the Environmental Variables - Pareto Optimality and Market Failure in the Presence of Externalities - The Theory of Externality and Public Good - Pigouvian Case and Material Balance Approach.

Unit - II: Resource Allocation

Problems of Resource Allocation - Economics of Exhaustible, Non-Exhaustible Resources - Theory of Natural Resources Depletion - Problems of Common Property Resources – Conservation of Resources – Implication of Ecological Imbalances – Optimal Rate of Depletion.

Unit –III: Environmental Valuation and Sustainable Development

Valuation of Non-market Goods and Services - Theory and Practice; Measurement Methods; Causes of Environmental Degradation - Valuation of Environmental Degradation – Direct and Indirect Methods – Cost-benefit Analysis of Environmental Policies and Regulations. Impact of Environment on GNP - Limits to Growth - Sustainable Development - Modern and Neo-Classical Views of Sustainable Development - Peoples Movement for Sustainable Development - Development Vs Sustainable Development.

Unit - IV: Environmental Pollution and Policies

Environment and Economy Interaction - Industrial and Agricultural Technology - its Impact on Environment – Different Types of Pollution- Environmental Policy and Protection of Ecosystem - Implementation of Environmental Policies in India- Global Environmental Issues.

References:

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|---|---|
| Baumol, W.J (1979) | : Economics and Environmental Policy and Quality of life – Prentice Hall. |
| Baumol, W.J (1989) | : Theory of Environmental Policy - Cambridge University Press. |
| Bhattacharya,R.N (2001) | : Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi. |
| Chopra, K., Kadekodi G.K. and M.N. Murthy(1990) | : The Management of Common Property Resources, SAGE, New Delhi. |
| Das Gupta, P.S & | : The Economic Theory of exhaustible resources Cambridge |

- G.M. Heal (1989) : University Press.
Dasgupta, P.S & : The Environment and Emerging development Issues
K.G. Maler (1991) : Cambridge University Press.
Freedom, A.M (1979) : The Benefits of Environment improvement, John Hopkins
University Press.
Hussen, A.M (1999) : Principles of Environmental Economics, Routledge, London.
Joshi, Y.G. & : Social Environment for Sustainable Development, Rawat
D.K. Verma (1998) : Publications.
Karpagam.M (1999) : Environmental Economics- A Textbook, Sterling Publishers
Pvt. Ltd.
Pearse, D. (1977) : Economics of Environment: London.
Rajyalaxmi, V (2004) : Environment and Sustainable Development, Aph Publishing
Corporation.

B.A. (ECONOMICS) SYLLABUS

SEMESTER – VI: DISCIPLINE SPECIFIC ELECTIVE

PAPER – VIII (B): ECONOMICS OF RURAL DEVELOPMENT

Unit: I Rural Development

Meaning, Nature and Scope - Factors Affecting Rural Growth - Economic Development- Definitions, Characteristics-and Measurement - Per Capita Income, Physical Quality of Life Index, Human Development Index.

Unit: II Rural Development Theories.

W.W. Rostow's Theory of Stages, Lewis-Fei-Ranis Model and Gandhian Approach to Rural Development.

Unit: III Rural Demography and Rural Poverty

Population Size - Sex and Age Composition- Density of Population-Population Problems and Challenges – Family Welfare Measures in Rural India. Nature of Rural Occupations - Occupational Distribution in Rural India – The Concept of Work Participation Rates. Rural Poverty-Meaning, Estimates, Causes and Consequences. Unemployment - Meaning, Types, Magnitude of Rural Unemployment, - Causes and Consequences.

Unit: IV Approaches to Rural Development

Early attempts for Rural Development - National Programmes for Rural Development, Community Development Programmes and Employment Guarantee Schemes. Rural Empowerment Programmes Bharat Nirman, Provisions of Urban Amenities in Rural Area(PURA), Mahatma Gandhi National Rural Employment Guarantee Act- Features and Challenges. Agencies for Rural Development Government, Semi-Government Organizations, Co-Operative Institutions, Non-Government Organizations and Voluntary Agencies for Rural Development.

References:

1. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012.
2. Dutt and Sundaram- Indian Economy, S.Chand Publications, New Delhi, 2013-07-02.
3. Mishra, S.K. and Puri V.K. - Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.
4. Mukundan, N.-Rural Development and Poverty eradication in India.
5. Katar Singh -Rural Development –Principles, Policies and Management.

B.A. (ECONOMICS) SYLLABUS
SEMESTER – VI: DISCIPLINE SPECIFIC ELECTIVE
PAPER – VIII (C): INDUSTRIAL ECONOMICS

Module –I: Concept of Industrial Economics and Theories of Location: Nature, Scope, Importance and limitations of Industrial Economics. Industrial Location theories: Weber, Sargent Florence, and Losch - factors affecting industrial location.

Module II: Classification of Industries: Alternative classification of Industries , Importance of Micro (Tiny), Small and Rural Industries, Structure and growth of small industries, Sickness problems, and remedies

Module III: Industrial Pattern under Five Year Plans: Industrial economic concentration and remedial measures. Industrial Policy 1991: Role of Public and Private Sector, LPG Program. Recent Trends in Industrial growth.

Module –IV: Industrial Finance: Industrial Finance: Owned, External and other Components of Funds; Role, Nature, Volume and types of Institutional Finance – State Level Financial Institutions and Commercial Banks.

References:

1. Ahuliwalia, I.J. (1985) Industrial Growth in India, Oxford University Press, New Delhi.
2. Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
3. Chernuliam, F. (1994), Industrial Economics: Indian Perspective (3RD Edition), Himalaya Publishing House, Mumbai.
4. Desai, B. (1999), Industrial Economy in India (3rd Edition,) Himalaya Publishing House, Mumbai.
5. Divine, P.J. and R.M. Jones Et. Al (1976), An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.
6. Hay, D. and D.J.Morris (1979), Industrial Economics: theory and evidence, Oxford University Press, New Delhi.
7. Kuchhal, S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad.
8. Sing, A and A.N.Sadhu (1988), Industrial Economics, Himalaya Publishing House, Mumbai.

B.A. (ECONOMICS) SYLLABUS
Semester - VI
DEMOGRAPHY
Generic Elective (Credits: 2)

Unit –I: Meaning and Scope of Demography

Components of population-growth and their interdependence- Theories of population– Malthus and Optimum theory of Population - Theory of demographic transition – Population and Development.

Unit-II: Population trends and Migration

Population Explosion –Aspects of population growth and spatial distribution- Determinants of age and sex – Structure of Population – Social economic implications. Streams of migration - Factors affecting migration – Urbanization – Trends in developed and developing countries – Study of census in India- Trends in the rate of growth of Indian Population.

Reading List:

1. S.N.Agarwal : India's population problem – Tata McGraw –Hill Co. Bombay.
 2. Ahisha Bose : India's Basic Demographic statistics-B.R Publishing corporation, New-Delhi.
 3. P.K. Chowbey : Population policy in India – Kanishka Publications, New Delhi.
 4. S.C Gulati : Fertility in India an Econometric study of a metropolis-Sage, New Delhi.
 5. K.Srinivsan : Basic Demographic techniques and applications.-Sage, New Delhi
 6. D.J. Bogue : Principles of Demography-John Wiley, New York.
 8. C.M. Chiang : Life tables and Mortality Analysis.-WHO, Geneva.
 8. CEHI, : Dharma Kumar (ed) Vol.2
 9. Praveen Visaria, Population studies.
 10. Dharma Kumar, Land and caste in south India.
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