

OSMANIA UNIVERSITY
Model
Scheme of Instruction and Examination
B.A. Economics (Regular)
Choice Based Credit System (CBCS) Syllabus - w.e.f. 2016-2017

Year	Semester	DSC/GE/ DSE/SEC	Paper	Title	Credits	Hours
I	I	DSC*	Paper - I	Micro Economics – I	5	5
	II	DSC*	Paper - II	Macro Economics	5	5
II	III	SEC*	Paper - I	Basics of Computers-I	2	2
		DSC*	Paper - III	Micro Economics – II	5	5
	IV	SEC*	Paper - II	Basics of Computers – II	2	2
		DSC*	Paper - IV	Public Economics	5	5
III	V	SEC*	Paper - III	Basics of Quantitative Methods for Economists – I	2	2
		GE**	Paper - I	Telangana Economy	2	2
		DSC*	Paper - V	Development Economics	4	4
		DSE*	Paper - I A	Economics of Education	4	4
		DSE*	Paper - I B	Indian Economy		
		DSE*	Paper - I C	Financial Economics		
	VI	SEC*	Paper - IV	Basics of Quantitative Methods for Economists – II	2	2
		GE**	Paper - II	Economics of Environment	2	2
		DSC*	Paper - VI	International Economics	4	4
		DSE*	Paper - II A	Demography	4	4
		DSE*	Paper - II B	Economics of Insurance		
DSE*	Paper - II C	Industrial Economics				

* DSC (Discipline Specific Course), SEC (Skill Enhancement Course) & DSE (Discipline Specific Elective) for Students of Economics.

** GE (Generic Elective) or Inter-Disciplinary Course for Students of Social Sciences other than Economics.

(Prof.A.Nakula Reddy)
Chairman, BOS in Economics, O.U.

B.A. (ECONOMICS) SYLLABUS
Semester - V
BASICS OF QUANTITATIVE METHODS FOR ECONOMISTS - I
Skill Enhancement Course - Paper - III

Module- I: Basic Concepts

Need for Quantitative Methods in Economics, Basic Concepts: Constant, Variables. Functions: Linear, Non-Linear functions. Equations and their functions. Linear, Quadratic. Concept of Derivative, Rules of Differentiation. MR, MC, MPC, Price and Income Elasticity's.

Module- II: Determinants and Matrices

Determinants and their Basic Properties. Matrices and Types: Rectangular Matrix, Square Matrix, Row Matrix, and Column Matrix. Operations: Matrix Addition, Subtraction and Multiplication. Inverse of a Matrix and their application

References:

1. Aggarwal, DR : Quantitative methods, Vrinda Publications, Delhi
2. Allen RGD : Mathematical analysis for Economists, Macmillan press, London.
3. Bhardwaj RS : Mathematics for Economics and Business, Excel books, New Delhi
4. Bose : Mathematics for Economics, Himalaya Publishers, New Delhi
5. Chiang, AC : Fundamental methods of mathematical Economics Mc Graw Hill, New Delhi
6. Nagar AL Das : Basic Statistics

B.A. (ECONOMICS) SYLLABUS
Semester - V
TELANGANA ECONOMY
Generic Elective (or) Inter-Disciplinary Course - Paper – I

Module- I: State and District Domestic Product

Growth and Sectoral Composition-Per capita Income of Telangana States and its Districts

Module- II: Trends in Population Growth:

Occupational structure work participation – Population policies, Unemployment and its magnitude and direction

Basic Reading List:

1. Rao S Kishan and Rahul A Shastry (2009): Andhra Pradesh Economy – Dynamics of Transformation with a focus on Regional Disparities, National Academy of Development,
2. Hanumantha Rao and S.Mahender Dev (2003); Andhra Pradesh Development – Economic Reform and Challenges Ahead, Centre for Economic and Social Studies, Hyderabad.
3. Kankalatha Mukund (1990); “Andhra Pradesh Economy in Transition; Centre for Economic and Social Studies, Hyderabad and Book Links Corporation, Hyderabad.
4. Mahendra Dev, S.C.Ravi and M.Venkatanarayana (2009); Human Development in Andhra Pradesh: Experiences, Issues and Challenges; Centre for Economic and Social Studies (CESS), Hyderabad.
5. Rao, R.S., V. Hanumantha Rao and N. Venugopal (2006); Fifty years of Andhra Pradesh 1956-2006; Centre for Documentation, Research and Communication [CDRC], Hyderabad.
6. P.Sundaraya, Telangana People’s Struggle and Its Lessons, Calcutta, CPI-M, 1972
7. Ravi Narayan Reddy, Heroic Telangana: Reminiscences and Experiences, New Delhi, CPI, 1973
8. Gautam Pingle 2014: The Fall and Rise of Telangana, Orient Black Swam

B.A. (ECONOMICS) SYLLABUS
Semester - V
DEVELOPMENT ECONOMICS
Discipline Specific Course - Paper - V

Module- I: Economic Development and Growth

Concepts of Economic Growth and Development. Measurement of Economic Development: Per Capita Income, Basic Needs, Physical Quality of Life Index, Human Development Index and Gender Empowerment Measure. Role of State and Market in Economic Development

Module- II: Factors in Economic Development

Factors effecting Economic Development-Characteristics of developing Countries- Population and Economic Development- Theories of Demographic Transition. Human Resource Development and Economic Development

Module- III: Theories of Economic Development

Theories of Adam Smith, David Ricardo, Karl Marx and Schumpeter

Module- IV: Theories of Under Development

Lewis, Rodan, Libenstien, Nurkse's Balanced Growth Strategy, Hirsch man's Un-balanced Growth Strategy, Myrdal model.

References:

1. Mier, Gerald, M : Leading issues in Economic Development, OUP, Delhi
2. Todaro, Micheal P : Economic Development in the third world, Orient Longman, Hyderabad
3. Ghatak Subrata : Introduction to Development Economics
4. Sukumoy chakravarthy : Development Planning- Indian Experience, OUP, Delhi
5. Misra & Puri : Economic Development and Planning, theory and practice

B.A. (ECONOMICS) SYLLABUS
Semester - V
ECONOMICS OF EDUCATION
Discipline Specific Elective - Paper – I A

Module 1 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.

Module 2 Costs of Education:

Cost of Education – Expenditure on Education, Private Costs and Social Costs; Direct and Indirect / opportunity costs.

Module 3: Benefits of Education:

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

Module 4: Educational Planning:

Contribution of Education to economic growth; Approaches to educational planning. Economics of Educational Planning in Developing Countries with special reference to India.

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.
6. Panchamukhi, P.R. (1980): Economics of Health: A Trend Report, ICSSR Survey, Allied, New Delhi.
7. Tilak. J.E.G. (1989) : Economics of Inequality in Education, Sage, New Delhi.
8. World Bank (1983): The World Development Report: Investing in Health. Oxford University Press, New York.
9. Education for Development
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B.A. (ECONOMICS) SYLLABUS
Semester - V
INDIAN ECONOMY
Discipline Specific Elective - Paper – I B

Module I: Structure of the Indian economy:

Indian Economy at the time of Independence. Changes in the Composition of National Income and Employment. Natural Resource base: Land, Water, Forest, Mineral and Metal Resources. Population: Size, Growth and Composition and their implications for Indian economy.

Module II: Indian Agriculture:

Importance and Role of Agriculture. Trends in Agricultural Production and Productivity. Land Reforms. Green Revolution. Agricultural Finance. Agricultural Marketing. Agricultural Price Policy. Food Security in India.

Module III: Indian Industry and Services:

Role and Importance of Industrialization. Trends in Industrial Production and Services. Industrial Policy Resolutions: 1948, 1956, 1977, 1991 The Role of Public and Private Sectors. Formal and Informal Sectors in Industry and Services

Module IV: Planning in India:

Five-Year Plans: Objectives, Strategies, Resource Allocation, Targets and Achievements. Evaluation of Performance of The Indian Economy under Planning. New Economic Reforms and their Implications. Globalization in India.

References:

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| 1. SK Misra and Puri | : Indian Economy, Himalaya Publishing House. |
| 2. Ishwar C Dhigra | : The Indian Economy: Environment and Policy,
SC Chand & Sons, New Delhi RC Dutt and |
| 3. KPM Sundaram | : Indian Economy |

B.A. (ECONOMICS) SYLLABUS
Semester - V
FINANCIAL ECONOMICS
Discipline Specific Elective - Paper – I C

Module -I: The Financial System and its significance for Economic Development – The Structure of the Financial System in India- Organized and Un-organized Financial System. All India development financial institutions, Investment Institutions, Specialized financial institutions and State level financial institutions.

Module–II: Commercial Banking. Banking structure in India-Context, Need and Objectives – financial sector reforms -Narasimham Committee Report – Financial Sector Reforms with reference to Stock Markets.

Module – III: Money Market: Organized sector of the Money Market and their sub-markets- Call money market, Treasury bill market, The Repo Market, Commercial Paper market and Money market mutual funds and their instruments. - Money market reforms in India.

Module – IV: Capital Market: Structure of Capital market- Primary and Secondary markets- New issues and Secondary Issues Markets, Securities-Private and Gilt Edged Securities.

Basic Reading List:

1. Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
2. Bhole, L.M. (2000), Indian Financial System, Chugh Publications, Allahabad.
3. Edminster, R.O. (1986), Financial Institutions, Markets and Management, McGraw Hill, New York.
4. Goldsmith, R.W. (1969), Financial Structure and Development, Yale, London.
5. Hanson, J.A. and S.Kathuria (Eds.) (1999), India: A Financial Sector for the Twenty-first Century, Oxford University Press, New Delhi.
6. Harker, P.T.and S.A.Zenios (2000) (Ed.), Performance of Financial Institutions, Cambridge University Press, Cambridge.
7. Johnson, H.J. (1996) Financial Institutions and Markets, Tata McGraw Hill, New Delhi.
8. Khan, M.Y. (1996) Indian Financial System, Tata Mc Graw Hill, New Delhi.
9. Machiraju, M.R. (1999) Indian Financial Systems, Vikas Publishing House, New Delhi.
10. Ohlson, J.A. (1987), The Theory of Financial Markets and Institutions, North Holland, Amsterdam.
11. Prasad, K.N. (2001) Development of India's Financial System, Sarup & Sons, New Delhi.
12. Robinson, R.I. and Wightman (1981), Financial Markets, McGraw Hill, London.

B.A. (ECONOMICS) SYLLABUS
Semester - VI
BASICS OF QUANTITATIVE METHODS FOR ECONOMISTS - II
Skill Enhancement Course - Paper - IV

Module- I: Measures of Central Tendency:

Statistics, Definition, Uses and Limitations. Types of Data: Primary and Secondary, Methods of Collecting Data: Census and Sampling Methods. Measures of Central Tendency: Mean Median and Mode. Measures of Dispersion: Range, Quartile Deviation and Standard Deviation.

Module- II: Correlation and Regression:

Correlation: Meaning, Types. Karl Pearson's Correlation Co-efficient, Spearman's Rank Correlation. Regression: Meaning, Uses of Regression Analysis.

References:

1. Aggarwal, DR : Quantitative methods, Vrinda Publications, Delhi
2. Allen RGD : Mathematical analysis for Economists, Macmillan press, London.
3. Bhardwaj RS : Mathematics for Economics and Business, Excel books, New Delhi
4. Bose : Mathematics for Economics, Himalaya Publishers, New Delhi
5. Chiang, AC : Fundamental methods of mathematical Economics Mc Graw Hill,
New Delhi
6. Nagar AL Das : Basic Statistics

B.A. (ECONOMICS) SYLLABUS
Semester - VI
ECONOMICS OF ENVIRONMENT
Generic Elective (or) Inter-Disciplinary Course - Paper – II

Module-I: Meaning & definition of Environment Economics

Meaning and definition of Environmental Economics. Theory of Market Failure. Theories of Environmental Economics: Boulding's Spaceship Earth. Hardin's Tragedy of the Commons, Club of Rome Model.

Module-II: Theories of Natural Resource Management

Material Balance and Entropy Law. Hostelling's Theory of Exhaustible Resources. Dasgupta and Heal, Optimal Depletion of Renewable Resources. Carrying Capacity of the Environment. Definition and Concept of Sustainable Development. Weak vs. Strong Sustainability Criteria.

Basic Reading List

1. Baumol, W.J. and W.E.Oates(1988), *The Theory of Environmental Policy* (2nd Edition) CUP, Cambridge.
2. Bhattacharya, R.N. ed. (2001): *Environmental Economics, An Indian Perspective*, Oxford University Press, New Delhi.
3. Hanley, N.J.F.Shogren and White (1997) *Environmental Economics in Theory and Practice*. Macmillan.
4. Jarret H. ed. *Environmental Quality in a Growing Economy*, John Hopkins Press, Baltimore.
5. Kalpagam, (1998): *Environmental Economics*, Sterling Press.
6. Kolstrad, C.D. (1999): *Environmental Economics*, Oxford University Press, New Delhi.
7. Mehta, S, S. Mundle, and U.Sankar (1995): *Controlling Pollution: Incentives and Regulation*, Sage, New Delhi.
8. Murthy, M.N., A. James and S.Misra (1999): *The Economics of Water Pollution in India*. Oxford University Press, New Delhi.
9. Pearce, D.W and R. Turner (1991): *Economics of Natural Resource Use and Environment*. John Hopkins Press, Baltimore.
10. Rao, O.K. (2000): *Sustainable Development, Economics and Policy*, Blackwell Publishers, UK.
11. Sankar, U Ed (2001): *Environmental Economics*, Oxford University Press, New Delhi.
12. Saxena, H.M. (2000): *Environmental Management*. Rawat Publishers, New Delhi.
13. Sengupta, R.P. (2000): *Ecology and Economics: An Approach to Sustainable Development* Oxford University Press, New Delhi.
14. *State of India's Environment*. The Hindu Annual Publications.
15. Tietenberg, T, ed. (1997): *Economics of Global Warming*, Edward Elgar, UK.

B.A. (ECONOMICS) SYLLABUS
Semester - VI
INTERNATIONAL ECONOMICS
Discipline Specific Course - Paper – VI

Module - I: Theories of International Trade:

Theories of absolute advantage, comparative advantage and opportunity costs; Theorem of factor price equalization; - Heckscher - Ohlin theory of trade.

Module - II: Trade and Growth

Gains from Trade.-Trade as an Engine of Economic Growth. Concepts of Terms of Trade- Factors affecting Terms of Trade- Singer-Prebisch secular deterioration of Terms of Trade

Module- III: Barriers to Trade

Tariffs, Quotas and Subsidies and their effects. The optimum tariff.

Module- IV: Balance of Payments

Concepts and Components of BOP, Equilibrium and disequilibria in Balance of payments, Types of Disequilibria. Remedial measures to control disequilibrium. Devaluation. Direction and Composition of Foreign trade, Export and Import Policies of India.

References

1. Soderston B (1990) : International Economics, Macmillan Press Ltd. London
2. Kindle Berger C P (1973) : International economics RD Irwin Concepts wood
3. Vaish MC and Sudhama Singh (2000): International Economics, Himalaya Publishing House, New Delhi
4. Salvatore, D L (1997) : International Economics, Prentice Hall NJ
5. Mithani DM (2000) : International Economics, Himalaya, Mumbai
6. Desai : International Economics, Himalaya, New Delhi.

B.A. (ECONOMICS) SYLLABUS
Semester - VI
DEMOGRAPHY
Discipline Specific Elective - Paper – II A

Module –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.

Module-II: Population trends in the twentieth century

Population Explosion – International aspects of population growth and spatial distribution- Determinants of age and sex -structure- Aging of population – social economic implications.

Module-III: Fertility

Trends in fertility rates in developed and less developed countries- Factors affecting fertility – Nuptiality – concept and analysis of marital status- single mean age at marriage – synthetic cohort methods - Mortality rates in more and less developed countries- Life table – construction and uses- concepts of stable population- Methods of population projection.

Module-IV: Migration

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 – Evolution of population policy – Population control to Family Welfare- Family Planning strategies in India- New Population policy in India.

Reading List:

1. S.N.Agarwal : India's population problem – Tata Mc Graw –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.

B.A. (ECONOMICS) SYLLABUS
Semester - VI
ECONOMICS OF INSURANCE
Discipline Specific Elective - Paper – II B

Module-I: Introduction:

Meaning and Types of Insurance: Life Insurance and importance of its policies. General Insurance- Types of Non-Life Insurance and Marketing of general insurance. – Features of Health insurance, fire insurance. Investments in Insurance - tax advantaged and non-tax advantaged Insurance.

Module-II: Essentials of Individual Retirement Planning

Analysis of retirement; Income needs; Retirement planning strategies; Investing for retirement, pension plans; Basic principles of pension plans; Pension plans in India. Life insurance for estate liquidity.

Module-III: Role of Risk-Management and Insurance

Insurance Institutions as Financial Intermediaries; Insurance institutions as investment institutions; Insurance institutions in Indian capital market.

Module-IV: Regulation of Insurance

Purpose of Government Intervention in Markets; Insurance regulation in India; Insurance regulation & Development Authority; Set up and management of insurance companies.

Basic Reading List

1. Black. K. Jr. and H.D. Skipper Jr.(2000), Life & Health Insurance, Prentice Hall, Upper Saddle River, New Jersey.
2. Dionne, G. and S.E. Harrington (eds.) (1997), Foundations of Insurance Economics, Kluwer academic Publishers, Boston.
3. Pfeiffer, I. And D.R. Klock (1974), Perspectives on Insurance, Prentice Hall Inc., Engle word Cliffs.
4. Williams Jr., C.A. M.L. Smith and P.C.Young (1995), Risk Management and Insurance, McGraw Hill, New York.
5. Skipper Jr., H.D. (ed.) (1998), International Risk & Insurance: An Environmental Managerial Approach, Irwin McGraw Hill, Boston.
6. Government of India (1998), Old Age and Income Security (OASIS) Report (Dave Committee Report), New Delhi.
7. Insurance Regulation and Development Authority (2001), IRDA Regulations, New Delhi.
8. Meier. K.J. (1998), The Political Economy of Regulation: The Case of Insurance, The State University of New York Press, Albany, N.Y.

B.A. (ECONOMICS) SYLLABUS
Semester - VI
INDUSTRIAL ECONOMICS
Discipline Specific Elective - Paper – II C

Module –I: Meaning and classification of Industries.

Use-based, Resource Based and ASI Two and Three Digit classification. Industrial Location theories: Weber, Sargent Florence, and Losch - factors affecting industrial location.

Module II: Market Structure and Market Performance:

Types of Markets based on Place, Time and Competition. Concepts & Organization of a firm. Market Structure; Sellers Concentration; Product Differentiation; Entry Conditions; Economics of Scale.

Module III: Industrial Pattern under Five Year Plan;

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.

Basic Reading List:

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.