



CHOICE BASED CREDIT SYSTEM

Credit and Semester System Syllabus

B.A.

NAME OF THE SUBJECT: ECONOMICS

SEMESTER-3rd

SR NO.	PAPER NO	NAME OF THE PAPER	TOTAL MARKS EXT + INT = TOTAL	PASSING STANDARD EXT + INT = TOTAL	TOTAL TEACHING HOURS	CREDITS
1	ECO-CC-304	Industrial Economics	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
2	ECO-CC-305	Public Finance-I	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
3	ECO-CC-306	Demography	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
4	ECO-EC1-307	Industrial Economics	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
5	ECO-EC1-308	Public Finance-I	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
6	ECO-EC2-309	Elementary Economics-I	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05

INTERNAL

Test	15 Marks
Assignment/Presentation	10 Marks
Seminar/Attendance	<u>05 Marks</u>
TOTAL	30 Marks



B.A.

NAME OF THE SUBJECT: ECONOMICS

SEMESTER-4th

SR NO.	PAPER NO	NAME OF THE PAPER	TOTAL MARKS EXT + INT = TOTAL	PASSING STANDARD EXT + INT = TOTAL	TOTAL TEACHING HOURS	CREDITS
1	ECO-CC-404	Agriculture Economics	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
2	ECO-CC-405	Public Finance-II	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
3	ECO-CC-406	Labour Economics	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
4	ECO-EC1-407	Agriculture Economics	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
5	ECO-EC1-408	Public Finance-II	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
6	ECO-EC2-409	Elementary Economics-II	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05

INTERNAL

Test	15 Marks
Assignment/Presentation	10 Marks
Seminar/Attendance	<u>05 Marks</u>
TOTAL	30 Marks



B.A.

NAME OF THE SUBJECT: ECONOMICS

SEMESTER-5th

SR NO.	PAPER NO	NAME OF THE PAPER	TOTAL MARKS EXT + INT = TOTAL	PASSING STANDARD EXT + INT = TOTAL	TOTAL TEACHING HOURS	CREDITS
1	ECO-CC-504	International Economics-I	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
2	ECO-CC-505	Development Economics-I	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
3	ECO-CC-506	Basic Statistics & Mathematics-I	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
4	ECO-CC-507	Advanced Indian Economy-I	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
5	ECO-CC-508	History of Economic Thought	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
6	ECO-CC-509	Environmental Economics (Optional) OR Regional Economics (Optional) OR Banking & Insurance (Optional) OR Rural Economics (Optional) OR Human Resource Development (Optional)	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05

INTERNAL

Test	15 Marks
Assignment/Presentation	10 Marks
Seminar/Attendance	<u>05 Marks</u>
TOTAL	30 Marks



B.A.

NAME OF THE SUBJECT: ECONOMICS

SEMESTER-6th

SR NO.	PAPER NO	NAME OF THE PAPER	TOTAL MARKS EXT + INT = TOTAL	PASSING STANDARD EXT + INT = TOTAL	TOTAL TEACHING HOURS	CREDITS
1	ECO-CC-604	International Economics-II	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
2	ECO-CC-605	Development Economics-II	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
3	ECO-CC-606	Basic Statistics & Mathematics-II	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
4	ECO-CC-607	Advanced Indian Economy-II	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
5	ECO-CC-608	Research Methodology	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05
6	ECO-CC-609	Gujarat Economy (Optional) OR Economics of Social Sector (Optional) OR Cooperation (Optional) OR Computer Applications in Economics (Optional) OR Financial Economics (Optional)	70 + 30 = 100	28 + 12 = 40	15 Weeks x 05 Hours = 75	05

INTERNAL

Test	15 Marks
Assignment/Presentation	10 Marks
Seminar/Attendance	<u>05 Marks</u>
TOTAL	30 Marks



B.A. (ECONOMICS)
SEMESTER – III

CORE COURSE & ELECTIVE COURSE1:

Paper No. ECO-CC-304 & ECO-EC1-307: Industrial Economics

Total Marks: 100 Marks
Semester End Examination: 70 Marks
Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Basic concepts of firm, industry and market– Organizational forms.– Separation of ownership from management and control.– Alternative goals of firm: contributions of R Marris and Williamson.– Theory of Location		
2	<ul style="list-style-type: none">– Elements of Market Structure: Sellers' and buyers' concentration, Product differentiation, Conditions of entry.– Measurement of Sellers's concentration.– Determinants: Economies of Scale and Barriers to entry.– Growth of firms: Vertical integration, diversification– Concepts of mergers and acquisitions.		
3	<ul style="list-style-type: none">– Oligopolistic Conduct: Evolution of Market structure – conduct - performance paradigm.– Economics of Advertisement: concepts, market structure and advertisement.– Economics of R & D: Concepts, measurement and market structure and innovation.		
4	<ul style="list-style-type: none">– Allocative efficiency: Market structure and profitability.– Productive efficiency: Degree of sub optimal capacity.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Ahulwali, I.J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.
2. Bagchi, A. and M. Banerjee (Eds.) (1976); Change and Choice in Indian Industry, Bagchi Publications, Calcutta.
3. Bains, J.S. (1996), Industrial Organization, Cheltenham, U.K.
4. Barthwal, R.R. (1985): Industrial Economics, Wiley Eastern Ltd., New Delhi.
5. Bhagwati, J. and P. Desai (1972), India: Planning for Industrialization, Oxford University Press.
6. Cherunilam, F. (1994), Industrial Economics: Indian Perspective (3rd Edition) Himalaya Publishing House, Mumbai.
7. Gosh, P.K. (1999), Government and Industry, Oxford University Press, New Delhi.
8. Gupta, L.C. (1969), The Changing Structure of Industrial Finance in India, Oxford University Press, New Delhi.
9. Hay, D. and D. J. Morris (1979), Industrial Economics: Theory and Evidence, Oxford University Press, New Delhi.
10. Kamlen, M.J. and N.L. Schwartz (1982), Market Structure and Innovation, Cambridge University Press, Cambridge.
11. Kirk Patrick, C.M., N. Lee and E.I. Nixon (1984), Industrial Structure and Policy in Less Developed Countries, ELBS/George Allen and Unwin, London.
12. Kuchhal, S.C. (1980), Industrial Economy of India (5th Eds.), Chaitanya Publishing House, Allahabad.
13. Memoria and Memoria (2000), Dynamics of Industrial Relations in Indian (15th Eds.), Himalaya Publishing House, Mumbai.
14. Roma Murthi, R. and R. Vernam (eds.) (1991), Privatization and Control of State Owned Enterprises, The World Bank, Washington.
15. Sanddesara, J.C. (1992), Industrial Growth in India: Performance and Prospects, Lala Lajpatrai College, Mumbai.
16. Sanddesara, J.C. (1992), Industrial Policy and Planning -1947-1991: Tendencies, Interpretations and Issues, Sage Publications, India, New Delhi.
17. Singh, A. and A.N. Sadha (1988), Industrial Economics, Himalaya Publishing House, Mumbai.
18. Wiles, P.J.D. (1963), Price, Cost and Output, Prager, New York.



B.A. (ECONOMICS)
SEMESTER – III

CORE COURSE & ELECTIVE COURSE1:

Paper No. ECO-CC-305 & ECO-EC1-308: Public Finance-I

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Public Finance- Meaning and Scope– Public and Private Finance– Principle of Maximum Social Advantage– Public Goods, Private Goods, Mixed Goods and Merit Goods (Concept Only)		
2	<ul style="list-style-type: none">– Public Expenditure- Meaning and Importance– Reasons for the Growth of Public Expenditure– Wagner’s Hypothesis– Peacock – Wiseman Hypothesis– Canons of Public Expenditure– Effects of Public Expenditure.		
3	<ul style="list-style-type: none">– Public Revenue - Sources of Public revenue– Taxes – Meaning & Classification of Taxes– Canons of Taxation, Effects of Taxation– Taxable Capacity, Ability to Pay and Benefit Approach– Incidence and Shifting of Tax Burden		
4	<ul style="list-style-type: none">– Meaning & Types of Government Budgets: Revenue account, Capital Account.– Economic and functional classification of Central Govt. Budgets.– Central Budget of the nearest last year in India– Different concepts of budgetary deficits in the Indian context.- Revenue Deficit, Fiscal Deficit, Primary Deficit, Budget Deficit.– Deficit Financing.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

19. Atkinson, A.B. and J.E. Stiglitz (1980), Lecture on Public Economic, Tata MacGraw Hill, New York.
20. Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
21. Buchanan, J.M. (1970), The Public Finances, Richard D. Irwin, Homewood.
22. Buchanan, J.M. (1968), The Demand and Supply of Public Goods, Rand McNally, Chicago.
23. Chellaih, Raja J.(eds.)(1997), Towards Sustainable Growth, Oxford University Press, New Delhi.
24. Chellaih, Raja J. (1971), Fiscal Policy in Underdeveloped Countries, George Allen and Unwin, London.
25. Cutt, R. (eds.)(1969), Taxation and Economic Development in India, Frederick A Praegar Publishers, New York.
26. Datt, R. (Ed.)(2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
27. Goode, R. (1986), Government Finance in Developing Countries, Tata MacGraw Hill, New Delhi.
28. Jha, R., (1998), Modern Public Economics, Routledge, London.
29. Mueller, D.C. (1979), Public Choice, Cambridge University Press, Cambridge.
30. Mundle, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi.
31. Musgrave, R.A. (1977), Essays in Fiscal Federalism, Greenwood West Port.
32. Musgrave, R.A. and P.B. Musgrave (1976), Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokoyo.
33. Peacock, A. and G.K. Shaw (1976), The Economic Theory of Fiscal Policy, George Allen and Unwin, London.
34. Reports of Various Finance Commission.
35. Sreekantaradhya, B.S. (1972), Public Debt and Economic Development in India, New Delhi.
36. Stiglitz, J.E. (1986), Economics of Public Sector, Norton, New York.



B.A. (ECONOMICS)
SEMESTER - III

CORE COURSE:

Paper No. ECO-CC-306

Demography

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Meaning and subject matter of demography– Determinants of population growth – Birth rate, Death rate, Reproduction rate, Fertility rate.– Theories of Population: Malthus (Demographic transition theory), Optimum population theory, Marxian, Leibenstein, Becker– Population and Economic Development: Utilization of resources (Boserup thesis)– Technology and production of food– Population and Environment.		
2	<ul style="list-style-type: none">– Population and economic growth – good and bad effects– Population Structure and Characteristics- Impact of Population growth on the age and gender structure, aging of population.– Fertility: Concepts of fertility transition.– Measurement of fertility and fertility differentials in India.– Mortality: Components and Measurement.– Mortality differentials in India.		
3	<ul style="list-style-type: none">– Migration: Concepts, Types, measurement, migration selectivity, causes and consequences (economic and demographic) of migration.– Migration India: Causes and Trends– Migration Differentials in India: Rural-Urban, Male-Female.– Urbanization: Concepts, Determinants and Consequences.– Trends of Urbanization in India.		
4	<ul style="list-style-type: none">– Growth and Structure of Indian Population.– Literacy: Literacy transition in India, pattern of literacy and literacy differentials in India.– Economic Composition of Indian Population: Work force participation and occupational structure.– Estimation of Population in India: Census, sampling and vital registration methods.– Latest Population Policy in India– Population Census 2011 in India		

(1) Five questions of equal marks shall be drawn by the paper setter.

(2) Four questions shall be drawn from four units (1 question from each unit)

(3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Agarwala S. N. (1985), India's Population Problem, Tata McGraw-Hill, Bombay
2. Agarwal U. D. (1999), Population Projections and Their Accuracy, B. R. Publishing Co. New Delhi.
3. Bhende, A. A. and T. R. Kanitkar (1982), Principles of Population Studies, Himalaya Pub. House, Bombay.
4. Bogue, D. J. (1971), Principles of Demography, John Wiley, New York.
5. Bose A. (1996), India's Basic Demographic Statistics, B. R. Pub. Co. New Delhi.
6. Census of India, Government of India, Various Reports, New Delhi.
7. Choubey P. K. (2000), population policy in India, Kanishka Pub. New Delhi.
8. Misra B. D. (1980), an introduction to the study of population, South Asian Publishers, New Delhi.



B.A. (ECONOMICS)
SEMESTER - III

ELECTIVE COURSE2:

Paper No. ECO-EC2-309: Elementary Economics-I

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Economics: Definition, Nature, Scope– The Economic Problem : Scarcity and Choice, Functions of an Economic System,– Law of Demand– Elasticity of Demand: Concept, Types, Measurement, Determinants and Importance		
2	<ul style="list-style-type: none">– Concept of Utility– Cardinal Utility Analysis,– Law of Diminishing Marginal Utility– Ordinal Utility Analysis– Indifference Curves Analysis– Consumer Equilibrium– Consumer Surplus		
3	<ul style="list-style-type: none">– Production Function & Product Curves– Law of Variable Proportions– Returns to Scale– Economies & Diseconomies of Scale Internal & External– Supply Curve & Elasticity of Supply.		
4	<ul style="list-style-type: none">– Cost Analysis: Concepts of Cost, Short Period Costs, Long Period Costs– Modern Theory of Costs.– Revenue: Total, Average and Marginal Revenue		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Ahuja H.L. (2000), Advance Economic Theory, S.Chand and Co., Delhi.
 2. American Economic Association, (1969), Welfare Economics
 3. Archibald, G.O. (Ed.)(1969), Theory of Firm, Penguin Books.
 4. Bach, G.L. (19770, Economics, Prentice Hall of India, New Delhi.
 5. Baumol, W.J. (1982), Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
 6. Da Costa, G.C. (1980), Production, Prices and Distribution, Tata MacGraw Hill, New Delhi.
 7. Henderson, J.M. and R.E. Quandt (1980), Micro Economic Theory: A Mathematical Approach, MacGraw Hill, New Delhi.
 8. Hirshleifer, J. and A. Glazer (1997), Price Theory and Applications, Prentice Hall of India, New Delhi.
 9. Koutsoyiannis, A. (1990), Modern Microeconomics, MacMillan.
 10. Prasad, K.N. (1985), Lectures in Micro Economic Theory, Himalaya Publishing Co., Mumbai.
 11. Ray, N.C. (1975), An Introduction to Microeconomics, MacMillan Company of India Ltd., Delhi.
 12. Samuelson, P.A. and W.D. Nordhaus (1998), Economics, Tata MacGraw Hill, New Delhi.
 13. Stonier, A.W. and D.C. Hague (1972), A Textbook of Economic Theory, ELBS & Longman Group, London
- [Micro ECON:A South-Asian Perspective with Course Mate](#) by William A. McEachern | SimritKaur (ISBN: 9788131524503) Cengage Publishing House, Latest Edition



B.A. (ECONOMICS)
SEMESTER - IV

CORE COURSE & ELECTIVE COURSE1:

Paper No. ECO-CC-404 & ECO-EC1-407: Agriculture Economics

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Definition, scope and nature of agricultural economics– Need for a separate study of agricultural economics.– Agricultural Linkages with other sectors,– Role of agriculture in economic development– Declining importance of agriculture in Economic development.		
2	<ul style="list-style-type: none">– Production Function Analysis: Factor-Product, Factor-Factor and Product-Product Relationships.– Types of farm Organisations and their comparative production efficiency.		
3	<ul style="list-style-type: none">– Transformation of Agriculture: Schultz thesis of transformation of traditional agriculture and Green Revolution in Indian agriculture.– Agricultural Markets: Aim, Types and Functions of agricultural markets Criteria for judging efficiency of agricultural market systems.		
4	<ul style="list-style-type: none">– Agricultural Credit: Importance of credit,– Need for Government intervention– Agricultural credit system in India– Agricultural Price Policy: Need, Objectives, and instruments of agricultural price policy– Agricultural price policy in India.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Bhalla, G.S. (1994). Economic Liberalisation and Indian Agriculture, Institute for Studies in Industrial Development, New Delhi
2. Chada, G.K. and A.N. Sharma (1997). Growth, Employment and Poverty: Change and Continuity in Rural India, Vikas Publishing House, New Delhi.
3. Dantwala, M.L. (1996). Dilemmas of Growth: The Indian Experience, Sage Publications, New Delhi.
4. Government of India (1976). Report of the National Commission on Agriculture, New Delhi.
5. Gulati and Kelly (1999). Trade Liberalisation and Indian Agriculture, Oxford Univ. Press, New Delhi
6. Jodhar, N. (Eds.) (1996). Challenges to Indian Bankings, Macmillan, New Delhi.
7. R.B.I. (1989). Report of the Agricultural Credit Review Committee, Reserve Bank of India, Bombay.
8. Rao, C.H. Hanumantha (1975). Agricultural Growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.
9. Reserve Bank of India, Report on Currency and Finance (Annual). Mumbai.
10. Rudra, A. (1982). Indian Agricultural Economics: Myths and Reality, Allied Publishers, New Delhi.
11. Subbarao, K. and De Janvry (1986). Agricultural Price Policy and Income Distribution in India, O.U.P., N. Delhi.



B.A. (ECONOMICS)
SEMESTER - IV

CORE COURSE & ELECTIVE COURSE1:

Paper No. ECO-CC-405 & ECO-EC1-408: Public Finance – II

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Public Debt – Meaning, Types and Importance– Sources of Public Debt– Classical View of Public Debt– Burden of Public Debt- Meaning and Types		
2	<ul style="list-style-type: none">– Public Good- Models of Efficient Allocation, Pure and impure public goods, Free Riding Problem– Externalities- Problem and Solution, taxes versus regulation, property rights, the Coase Theorem– Market Failure, Public Good and Externalities		
3	<ul style="list-style-type: none">– Indian Fiscal Federalism -Fiscal Federalism in India– Assignments of Functions and Sources of Revenue– Constitutional Provisions – Finance Commission and Planning Commission– Centre-State Financial Relations in India– 14th Finance Commission Recommendations		
4	<ul style="list-style-type: none">– Indian Tax System – Direct and Indirect Taxes in India– Revenue of the Union, States and Local Bodies– Taxation on Agriculture & Expenditure Tax– The Concept of Goods and Service Tax (GST)– Major Tax Reforms in India		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Atkinson, A.B. and J.E. Stiglitz (1980), Lecture on Public Economic, Tata MacGraw Hill, New York.
2. Barman, K. (1986), Public Debt Management in India, Uppal Publishing House, New Delhi.
3. Buchanan, J.M. (1970), The Public Finances, Richard D. Irwin, Homewood.
4. Buchanan, J.M. (1968), The Demand and Supply of Public Goods, Rand McNally, Chicago.
5. Chellai, Raja J.(eds.)(1997), Towards Sustainable Growth, Oxford University Press, New Delhi.
6. Chellai, Raja J. (1971), Fiscal Policy in Underdeveloped Countries, George Allen and Unwin, London.
7. Cutt, R. (eds.)(1969), Taxation and Economic Development in India, Frederick A Praeger Publishers, New York.
8. Datt, R. (Ed.)(2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
9. Goode, R. (1986), Government Finance in Developing Countries, Tata MacGraw Hill, New Delhi.
10. Jha, R., (1998), Modern Public Economics, Routledge, London.
11. Mueller, D.C. (1979), Public Choice, Cambridge University Press, Cambridge.
12. Mundle, S. (1999), Public Finance Policy: Issues for India, Oxford University Press, New Delhi.
13. Musgrave, R.A. (1977), Essays in Fiscal Federalism, Greenwood West Port.
14. Musgrave, R.A. and P.B. Musgrave (1976), Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokoyo.
15. Peacock, A. and G.K. Shaw (1976), The Economic Theory of Fiscal Policy, George Allen and Unwin, London.
16. Reports of Various Finance Commission.
17. Sreekantaradhy, B.S. (1972), Public Debt and Economic Development in India, New Delhi.
18. Stiglitz, J.E. (1986), Economics of Public Sector, Norton, New York.





B.A. (ECONOMICS)
SEMESTER - IV

CORE COURSE:

Paper No. ECO-CC-406: Labour Economics

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Meaning- Concept, Significance and Peculiarities of Labour.– Nature, Scope and Importance of Labour Economics.– Characteristics of Indian Labour Market.		
2	<ul style="list-style-type: none">– Marginal Productivity Theory, Theory of Collective Bargaining, Modern Theory of Wages.– Minimum Wage and Fair Wage.– Wage Determination in – Organised- Unorganised Sector.– Evolution and Features of Wage Policy in India.		
3	<ul style="list-style-type: none">– Industrial Relations– Labour Unions in India- Growth, Pattern, Structure and Achievements of Labour Union in India.– Causes of Industrial Disputes and their settlement and preventive mechanism.– Current trends in Collective Bargaining– Social Security Measures.		
4	<ul style="list-style-type: none">– Labour Market reforms.– Exit Policy– Child Labour Policy in India– Problems and Policy of Female Workers in India.– Labour Relations in India.– Contract Labour		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Ghose, Ajit.K. (2003), Jobs and Incomes in Globalizing World, ILO, Geneva.
2. Guasch, J. Luis, (1999), Labour Market Reform and Job Creation, The World Bank, Washington D.C.
3. Joshi, M.V. (1999), Labour Economics and Labour Problems, Atlantic Publications, New Delhi.
4. Joshi, M.V.(1999), Labour Economics, DarpanPrakashan, Rajkot.
5. Marcus, Powell, (2003), Economic Restructuring and Human Resource Development, Ashgate Publishing, Aldershot
6. Remon, Gomez (2005), Labour Supply and Incentives of Work in Europe, EE Publishing Limited, U.K.
7. Seth, K.V. and Suresh Chand (2004), The Economics of Labour Market, Ane Books, New Delhi.
8. Uchikawa, Shuji, (2003), Labour Market and Institutions in India, Manohar Pub., New Delhi.



B.A. (ECONOMICS)
SEMESTER - IV

ELECTIVE COURSE2:

Paper No. ECO-EC2-409: Elementary Economics-II

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Nature and Scope of Macro Economics– Difference between Micro and Macro Economics– Importance of Macro Economics.– Concepts, Measurement and limitations of National Income Statistics		
2	<ul style="list-style-type: none">– Say's law of Market– Classical Theory of Income and Employment– Keynesian Theory of Income and Employment– Principle of Effective Demand.– Comparison between Classical and Keynesian Theory.		
3	<ul style="list-style-type: none">– Consumption Function: Meaning– Significance of MPC– Keynesian Psychological Law of Consumption and its Implications– Short run & Long run Consumption Curves.		
4	<ul style="list-style-type: none">– Meaning of Capital and Investment– Types of Investment– Marginal Efficiency of Capital (MEC).– Factors affecting Inducement to Invest.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Book:

1. Ackley, G.(1978), *Macroeconomics: Theory and Policy*, MacMillan, New York.
2. Blackhouse, R. and A. Salnsi (Eds.)(2000),*Macroeconomics and the Real World*, (2Vol.), Oxford University Press, London.
3. Branson, W.A. (1989), *Macroeconomic –Theory and Policy*, Haper and Row, New York.
4. Culberston, J.M. (1958), *Macroeconomic Theory and Stabilization Policy*, MacGraww Hill, Kogenkosh,Tokyo.
5. D’Souza, Errol (2008), *Macroeconomics*, Pearson Education, Delhi.
6. Dornbusch, R. and F.Stanley (1997), *Macroeconomics*, MacGraw Hill, New York.
7. Duesenberry, J.S. (1949), *Income, Saving and the Theory of Consumer Behaviour*, Havard University Press, Harvard.
8. Friedman, M. (1956), *Studies in the Quantity Theory of Money*, The University of Chicago Press, Chicago.
9. Frisch, H. (1983), *Theories of Inflation*, Cambridge University Press, Cambridge.
10. Gordon, R. and S.G. Harris (1998), *Macroeconomics*, Addison Wesley.
11. Gupta, S.B. (1995), *Monetary Planning in India*, Oxford University Press, New Delhi.
12. Hagger, A.J. (1977), *Inflation: Theory and Policy*, MacMillan, London.
13. Jha, R. (1991), *Contemporary Macroeconomics Theory and Policy*, Wiley Estern Ltd., New Delhi.
14. Keynes, J.M.(1936), *The general theory of Employment, Interest and Money*, MacMillan, London.
15. Patinkin, D. (1965), *Money, Interest and Prices*, Harper and Row, New York.
16. Rakshit, M. (1998), *Studies in the Macroeconomics of Developing Countries*, Oxfoprd University Press, New Delhi.
17. Rao, V.K.R.V. (1983), *India’s National Income: 1950 to 1980*, Sage Publications, New Delhi.
18. United Nations (1974), *Year Book of National Account Statistics*.
19. Macro ECON : A South-Asian Perspective with Course Mate, William A. McEachern | A. Indira, (9788131520260), Cengage Publishing House, Latest Edition



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-504: International Economics-I

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	– Need & Importance of the Study of International Economics – Inter-Regional and International Trade – Classical Theories of International Trade: Adam Smith's Absolute Advantage, Ricardo's Comparative Advantage in terms of Opportunity Costs		
2	– Doctrine of Reciprocal Demand (Meaning, Importance and Limitations) – Heckscher-Ohlin Theory of Trade, Factor Price Equalization theorem and Leontief Paradox		
3	– Measurement of gains from Trade and their distribution – Terms of Trade (Meaning, Types and Measurement) – Trade as an Engine of Economic Growth – Hypothesis of Secular Deterioration of terms of trade and its relevance for under developed countries (UDC's)		
4	– Theory of Interventions : Tariffs and Quotas – Partial and General effects (on National income, employment, Terms of trade, BOP and Income distribution) – Non Tariff Trade Barriers		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.

Reference Books:

1. Bhagwati J. (1988), Protectionism, Cambridge University Press, Mass.
2. Bo Sodersten and Geoffrey Reed, International Economics, Macmillan Press Ltd
3. Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
4. Cherunilam, F. (2008): International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.
5. Dominick Salvatore, International Economics, Wiley India
6. Francis Cherunilam, International Economics, Tata McGraw- Hill
7. K. C. Rana and K. N. Verma, International Economics, Vishal Publishing Company
8. Kindlberger, C P (1991): International Economics, R D Irwin, Homewood.8th Ed.
9. Krugman, P.R. and Obstfeld, M. (1994), International Economics: Theory and Policy, Glenview, Foresman.
10. Mishra, S.K. and Puri, V.K. (latest), Indian Economy- Its Development Experience, Himalaya Publishing House.
11. Salvator, D L (2001): International Economics, Prentice Hall, Upper Saddle River, New York.



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-505: Development Economics-I

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Meaning & Difference between Economic Growth and Economic Development– Characteristics of an Underdeveloped Country– Approaches to Economic Development– Obstacle to Economic Development– Factors affecting Economic Growth– A K Sen's Concept of Development		
2	<ul style="list-style-type: none">– Poverty — Absolute and Relative– Measuring Poverty – Head Count and Poverty gap– Vicious Circle of Poverty and Low level Equilibrium Trap– Human Development Index (HDI) and other Indices of Development and Quality of life– Population Problem and Growth Pattern of Population in Developing Countries		
3	<ul style="list-style-type: none">– Traditional Measures of Economic Development – National Income, Per Capita Income– Theories of Development- Adam Smith, Ricardo, Karl Marx, Schumpeter & Marshall		
4	<ul style="list-style-type: none">– Steady State Growth - An Introduction– Growth models — Harrod and Domar– Neo Classical Model of Growth- Robert Solow– Cambridge Model of Growth – Joan Robinson		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
2. Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 1 to 3, Elsevier, Amsterdam.
3. Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.
4. Hayami, Y. (1997), Development Economics, Oxford University Press, New York.
5. Higgins, B. (1959), Economic Development, Norton, New York.
6. Kindleberger, C.P. (1977), Economic Development, 3e, McGraw Hill, New York.
7. Meier, G.M. (1995), Leading Issues in Economic Development, 6e, Oxford University Press, New Delhi.
8. Myint, Hla (1965), The Economics of Underdeveloped Countries, Preager, New York.
9. Myint, Hla (1971), Economic Theory and Under Developed Countries, Oxford University Press, New York.
10. Thirlwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, London.
11. Bhagwati, J. and P. Desai (1970), India: Planning for Industrialization, Oxford University Press, London.
12. Boserup, E. (1991), Population and Technological Change : A Study of Long Term Change, Chicago University Press, Chicago.
13. Brahmananda, P.R. and C.N. Vakil (1956), Planning for an Expanding Economy, Vora and Co., Bombay.
14. Chakravarti, S. (1982), Alternative Approaches to the Theory of Economic Growth, Oxford University Press, Delhi.
15. Chakravarty, S. (1987), Development Planning : The Indian Experience, Clarendon Press, Oxford.
16. Chenery, H.B. et. al. (Eds.) (1974), Redistribution with Growth, Oxford University Press, New York.
17. Dasgupta, P., A.K. Sen and S. Marglin (1972), Guidelines for Project Evaluation, UNIDO, Vienna.
18. Todaro, M.P. (1971), Development Planning : Models and Methods, Oxford University Press, Oxford.



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-506: Basic Statistics & Mathematics-I

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Statistics: Meaning, Scope, importance and limitations.– Frequency distribution: Bivariate and cumulative.– Central Tendency: Mean, Median, Mode, Harmonic and Geometric Mean.		
2	<ul style="list-style-type: none">– Measures of Dispersion: Range, Mean & Standard Deviation, Quartile Deviation, Coefficient of variation, percentile rank.– Skewness and Kurtosis: Basic idea and methods.		
3	<ul style="list-style-type: none">– Mathematical Economics – meaning – importance – limits– Introductory Mathematics– Equation and identity– Simultaneous equation, Quadraic equation, Linear equation,Indices		
4	<ul style="list-style-type: none">– Elementary Set Theory: Operations on sets; Ordered Pairs, Cartesian products of Sets.– The Real numbers: Natural Numbers, Integers, rational and Irrational Numbers.– Functions: Types of Functions, Function in economic theory: Revenue, cost, demand, production, utility and profit functions, limit and continuity of functions		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Allen, R.G.D. (1976). *Mathematical Analysis for Economists*, Macmillan.
2. Bez, K. (1983). *An Introduction to Input Output Techniques*, N.B.T., Goel Publishing House, Meerut.
3. Chiang, A.C. (1974). *Fundamental Methods of Mathematical Economics*, McGraw Hill and
4. Chou Y. (1975). *Statistical Analysis*, Holt, Reinhart, Winston, New York.
5. Croxton, Crowden and Klein (1971). *Applied General Statistics*, Prentice Hall of India, New Delhi.
6. Goon, A. M., M. K. Gupta and B. Dasgupta (1993). *Fundamentals of Statistics Vol. I*, The World
7. Handry, A.T. (1999). *Operation Research*, Prentice Hall of India, New Delhi. Kogakusha, New Delhi.
8. Kothari, C.R. (1992). *An Introduction to Operation Research*, Vikas Publishing House, New Delhi.
9. Mehta & Madnani (1992). *Mathematics for Economists*, S. Chand, New Delhi.
10. Miller, J. (1996). *Statistics for Advance Level*, Cambridge University press, Cambridge.
11. Monga, G.S. (1972). *Mathematics and Statistics for Economists*, Vikas Publishing House, New Delhi.
12. Nagar, A.L. and R.K. Das (1993). *Basic Statistics*, Oxford University Press, New Delhi Press, Calcutta.
13. Rao, C.R. (1965). *Linear Statistical Inference and Applications*, Wiley and Sons.
14. Sukhatme, P. V. and B. V. Sukhatme (1970). *Sampling Theory of Survey with Applications*, Iowa State University Press, Ames.
19. Taha, H.A. (1997). *Operation Research: An Introduction (6th Edn.)*. Prentice Hall of India Pvt. Ltd., New Delhi.
15. Yamane, T. (1973). *Mathematics for Economists*, Prentice Hall, New Delhi.
16. K. Sydsaeter and P. Hammond, (2002). *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi.



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-507: Advanced Indian Economy-I

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	Developing Economy Capitalist, Socialist & Mixed economy. Developed and Developing Economy –Concepts Basic Characteristics of Indian Economy as a Developing Economy. Comparison of Indian Economy with Developed Economies Major Issues of Development in India		
2	Agriculture Place of Agriculture in Indian economy. Agricultural Productivity – Causes of Low Productivity & Measures Green Revolution- Achievements & Failures. Economic liberalisation and emerging trends in Indian Agriculture Sources of Agricultural Finance. Agricultural Marketing – Defects & Measures. Special Economic Zone- Concept, Features, Problems.		
3	Industry Role of Industrialization. Industrial Policy – 1991onwards. New Economic Reforms – Concepts i) Liberalization ii) Privatization, iii) Globalization . Small and Large Scale Industry – Growth and Problems. Growth of Knowledge Based Industry – IT, Software Consultancy.		
4	Services Role of Service Sector in Indian Economy Transportation – concepts, trends, issues and importance Communication – concepts, trends, issues and importance Education – concepts, trends, issues and importance Health - concepts, trends, issues and importance Sustainability of services led growth in India.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Datt, Gaurav and Mahajan, Ashwani “Dutt&Sundharam Indian Economy” S. Chand & Company (Latest Ed.).
2. Dhar, P.K. “Indian Economy – Its Growing Dimensions” Kalyani Publishers (Latest Ed.).
3. Goel, M.M. (2014): Indian Economy Long Term Challenges & Policy Measures, Monograph N.91, A GunaGauravNyas Publications Think Line
4. Goel, M.M. (2012) “Economics of Human Resource Development in India” VK Global Publications
5. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
6. Government of India, Planning Commission; Five Year Plan Document.
7. Kapila, Uma “Indian Economy: Performance and Policies” Academic Foundation, New Delhi (Latest Edition).
8. Kapila, Uma “Indian Economy since Independence” Academic Foundation, New Delhi (Latest Edition).
9. Mishra S. K. and Puri, V. K. “Indian Economy”, Himalaya Publishing House (Latest Ed.)
10. Monthly Issues of Journals “*Kurukshetra*” and “*Yojana*”.



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-508: History of Economic Thought

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	– Classical Thought Adam Smith: Division of Labour, Theory of value, Theory of growth, – Ricardo: Theory of Rent, Distribution – Malthus: Theory of Population.		
2	– Neo-Classical Thought Marginalism: Jevons Menger and Walras (Main economic ideas) – Alfred Marshall : As a great synthesizer; Price determination, Consumer and Producer' surplus, Elasticity and quasi-rent.		
3	– Keynesian Economics : Underemployment equilibrium, Effective Demand, MEC, Liquidity Preference, Role of fiscal policy.		
4	– Indian Economic Thought : Main economic ideas of Kautilya, Naroji, Gandhi, Vakil & Brahmanand, J.K. Mehta, B. R. Shenoy, A.K. Sen and Jagdish Bhagwati		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.

Reference Books:

1. Roger E Backhouse (2002), History of economic Thought, Penguin
2. Collander, D C and Harry Landreth's (1989), History of Economic Thought, (3rd Edition), Washington, D.C.
3. Blackhouse, R. (1985), A History of Modern Economic Analysis, Basil Blackwell, Oxford.
4. Ganguli, B.N. (1977), Indian Economic Thought: A 19th Century Perspective, Tata McGraw Hill, New Delhi.
5. Gide, C. and G. Rist (1956), A History of Economic Doctrines, (2nd Edition), George H & Co., London.
6. Grey, A. and A.E. Thomson (1980), The Development of Economic Doctrine, (2nd Edition), Longman Group, London.
7. Kautilya (1992), The Arthashastra, Edited, Rearranged, Translated and introduced by L.N. Rangarajan, Penguin Books, New Delhi.
8. Roll, E. (1973), A History of Economics Thought, Faber, London.
9. Schumpeter, J.A. (1954), History of Economic Analysis, Oxford University Press, New York.
10. Seshadri, G.B. (1997), Economic Doctrines, B.R. Publishing Corporation, Delhi.
11. Hunt, E.K. History of Economic Thought, A Critical Perspective.



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-509: Environmental Economics (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Environment and Economy: Nature and scope of environmental economics– Linkage between environment and economy– Population-environment linkage.		
2	<ul style="list-style-type: none">– Market failure: Incomplete markets, Externalities;– Environment as public good – non exclusion, non-rivalry;– Non-convexities; Asymmetric information.		
3	<ul style="list-style-type: none">– Environment and Development: Natural resources;– Asset markets theory;– Concept of sustainable development;– Green GDP– Environmental Kuznets Curve.		
4	<ul style="list-style-type: none">– Environmental legislation: Pollution-causes, control and abatement;– Environment protection mechanism in India;– Global environmental issues – climate change, trade and environment.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Fisher, A. C. (1981), Resource and Environmental Economics, Cambridge University Press, Cambridge.
2. Goodstein, E.S (2002) Economics and the Environment (3rd ed) Prentice Hall.
3. Hanley, N., J. F. Shogren and B. White (1997), Environmental Economics in Theory and Practice, Macmillan.
4. Jeroen, C. J. M. ,Vsn Den Bergh (1990), Handbook of Environmental and Resource Economics, Edward Elger Publishing Ltd., U.K.
5. Katar Singh And Anil Sisodiya (2007), Environmental Economics, Sage Publication, New Delhi.
6. Kolstad Charles D. (2000), Environmental Economics, Oxford University Press.
7. Pearce, D. W. and R. Turner (1991), Economics of and Natural Resource Use and Environment, John Hopkins University Press, Baltimore.
8. Perman, R. Ma and MaGilvary (1996), Natural Resource and Environmental Economics, Longman, London.
9. Rabindra Bhattacharya RamprasadSengupta (2001), Ecology and Economics, Oxford University Press, New Delhi.
10. Sankar, U. (Ed) (2001), Environmental Economics Oxford University Press, New Delhi.
11. Tietenberg, T. (1994), Environmental Economics and Policy, Harper Collins, New York.



B.A. (ECONOMICS)

SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-509: Religion Economics (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Definition and Concepts– Why Regional Economics? – What is Region, Different types of Regions,– Homogeneity concept – Nodality concept– Policy oriented concepts– Natural resource endowment and regional economic activity– Indicators of regional development		
2	<ul style="list-style-type: none">– Theoretical Foundation– Location theory – Von Thunen theory – Theory of Alfred Weber,– Analysis of Sargent Florence regarding location– Integration of theories of Weber and Florence– The principle of Median location– Competition along a line – Factors related to location – Location and public policy.		
3	<ul style="list-style-type: none">– Regional Structure– System of cities and trading areas – Industrial location pattern – Land – Used pattern		
4	<ul style="list-style-type: none">– Regional Economic Growth– Economic development and economic growth – Rates between regions – Costs and returns to labor and capital migration– Public Policy– Problems of area planning and role of government– Government and the spatial organization– Urban and regional problems in the context of development process		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Harry W, Richardson: Regional Economics, Weidenfolod and Nicholson, London, 1976.
2. Walter Isard: Methods of Regional Analysis. The MIT Press, Massachusatts and London. 1976
3. David Smith: Industrial Location: An Economic Geographic Analysis, John Wiley, New York, 1971.
4. L. Needleman (ed): Regional Economics, Penguin Books Ltd. 1968
5. Harvey Parloff set.al.: Regions, Resources and Economic Growth, University of Nabraska Press, Lincoln, USA.
6. Edgar M. Hover: An Introduction to Regional Economics, New York, Alfred A.Knopf; 2nd edition.



B.A. (ECONOMICS)

SEMESTER - V

CORE COURSE:

Paper No. ECO-CC-509: Banking & Insurance (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Bank – meaning- types of banks– Traditional functions of the commercial bank - objectives– Nontraditional functions of the commercial bank– Roll of banks in Eco dev.		
2	<ul style="list-style-type: none">– Banker – Customer – Meaning and definition.– General characteristics of the relationship between Banker & Customer.– Special features of the relationship between Banker & Customer.– Circumstances under which the Banker – Customer relationship comes to an end.		
3	<ul style="list-style-type: none">– Types of Customers: Opening and Operating Accounts of Customers like Minors, Married Women – Joint stock company, partnership firm, Joint Hindus family etc.– Definition and characteristics of Cheque,– Crossing of Cheques, types of crossing and importance.		
4	<ul style="list-style-type: none">– Meaning, Definition and Characteristics of Insurance– Types of Insurance– Importance of Insurance– Development of life insurance in India and constraint factors for development of life insurance		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.

Reference Books:

Basic Reading List:

1. Rural Banks in India – Desai S.S.M.
2. Fundamentals of Bank – Mehta R.R.S.
3. Reserve Bank of India (1983), The Reserve Bank of India functions and working, Bombay
4. Reserve Bank of India, Report of trend and progress of Banking in India, Mumbai.
5. Sayers, R. S. (1978) Modern Banking (7th Edition), Oxford University press, Delhi.
6. જોશી, આર. સી., (૨૦૧૫), બેન્કિંગ અને વીમાના મૂળતત્વો, પોપ્ચુલર પ્રકાશન, સુરત.
7. ચોકસી, એ. સી., (૨૦૧૭), બેન્કિંગ અને વીમાના મૂળતત્વો, પોપ્ચુલર પ્રકાશન, સુરત
8. જોશી, આર. સી., (૨૦૧૫), બેન્કિંગ, કાનૂન અને વ્યવહાર, પોપ્ચુલર પ્રકાશન, સુરત



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-509: Rural Economics (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	Basic concept of rural development <ul style="list-style-type: none">– Concept of rural and rural development– Scope of rural development– Causes of rural backwardness– Need for rural development– Constraints for rural development		
2	Basic theory of rural development <ul style="list-style-type: none">– Paradigms of rural development– Lewis model of economic development– Big push theory of development– Myrdal's theory of spread and backwash effects– Gandhian model of rural development		
3	Important issues in rural development <ul style="list-style-type: none">– Importance issues in rural development– Human resource development in rural development– Sustainable rural development– Poverty and unemployment– Rural Development and environment protection– Participatory rural development		
4	Experiences of rural development <ul style="list-style-type: none">– Rural development experiences in Asian countries– Need of rural development in India– Success of gramin model of micro finance in Bangladesh– lessons for India– Approaches to rural development in India		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

Best Reading List:

1. Singh, Katar: Rural development-Principles, policies and Management, Sage Publications, New Delhi.
2. Reddy, Venkata K.: Agriculture and Rural development (AGandhian Perspectives), Himalaya Publishing House, Mumbai.
3. Sundaram, satya: Rural development, Himalaya Publishing, Mumbai.
4. Gerald, Meir: leading issues in Rural Development, Oxford University Press, New Delhi.
5. Todaro Michael: Economic Development, Pearson education,
6. ગાંધી, મો. ક.: ગ્રામસ્વરાજ, નવજીવન પ્રકાશન, અમદાવાદ.



B.A. (ECONOMICS)
SEMESTER – V

CORE COURSE:

Paper No. ECO-CC-509: Human Resource Development (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	Human Resource Development (HRD): Concept, significance, objectives and functions; Traditional and modern approaches; Human Resource Development and Manpower Planning (Genesis, Growth and Thrust Areas).		
2	Human Capital: Concept of human capital and its determinants, problems of measurement; An appraisal of underlying theories of Human capital formation particularly in the context of developing economies; Role of public and private investment in human capital formation; Economics of education (formal, informal, on the job training and re-training), Becker's model. An Introduction to Economics of health and nutrition		
3	Functioning of Market for Human Resources: Internal allocation and brain drain, asymmetric information and functioning of the human resource market; Migration (Theories and the emerging challenges); Managing Human Resources (Demand and supply forecasting, wages, incentives – productivity relationship, economics of discrimination).		
4	Human Resource Management Practices: Human Resource Management in developed countries, and India (in Public Enterprises and small undertakings); Emerging human resource management concepts and systems in the new millennium; Human Resource Information System.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Bellante, Don and Mark Jackson : Labor Economics: Choice in Labor Markets McGraw-Hill Book Company, New York
2. Campbell, R McDonnell and Brue Stanley, L: Contemporary Labor Economics, McGraw – Hill Book Company, New York
3. Kempton, John : Human Resource Management and Development: Current Issues and Themes McMillan, London
4. Richard B Peterson and Lam Tracy : Systematic Management of Human Resources, Addison Wesley Publishing Company, London
5. Schultz, Theodore W (1981) : Investing in People: The Economics of Population Quality, Hindustan Publishing Corporation (India), Delhi
6. Stoney, John J (ed.) : Human Resource Management : A Critical Text Routledge, London

Further Readings:

7. Becker, Gary, S (1957) : Economics of Discrimination University of Chicago Press, Chicago
8. Sen, A K (1975) : Employment, Technology and Development Oxford University



B.A. (ECONOMICS)
SEMESTER - VI

CORE COURSE:

Paper No. ECO-CC-604: International Economics – II

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Balance of Payments : Meaning, Components, disequilibrium in (Balance of Payments);– Causes and measures to disequilibrium in Balance of Payment– The Process of Adjustment in the Balance of Payments Under Gold Standard– Fixed Exchange Rate Systems.		
2	<ul style="list-style-type: none">– International Institutions : International Monetary Fund, and The World Bank: working and functions (Particularly in relation to Developing countries)– International liquidity: Need, nature and problems;– Multinational Corporations and working with special reference to India.		
3	<ul style="list-style-type: none">– Regional Blocs : Custom union(s) (introductory view),– WTO: Organization and Functions and Achievements; TRIPS, TRIMS.– Impact of WTO on Industry, Agriculture and Services Sectors of Indian Economy– European Union (EU), ASEAN, ADB, BRICS: organization structure; and working		
4	<ul style="list-style-type: none">– Foreign Trade of India: Changes in composition and direction of Foreign Trade since 1991– BOP disequilibrium-causes and policy measures,– Trade Reforms : Need & rationale with special emphasis on Exchange Rate- reforms(full and partial convertibility of rupee)– Latest Export and Import Policy.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Boks:

1. Bhagwati J. (1988), Protectionism, Cambridge University Press, Mass.
2. Bo Sodersten and Geoffrey Reed, International Economics, Macmillan Press Ltd
3. Brahmananda, P.R. and V.R. Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
4. Cherunilam, F. (2008): International Economics, The Tata McGraw-Hill Companies, New Delhi. 5th Ed.
5. Dominick Salvatore, International Economics, Wiley India
6. Francis Cherunilam, International Economics, Tata McGraw- Hill
7. K. C. Rana and K. N. Verma, International Economics, Vishal Publishing Company
8. Kindlberger, C P (1991): International Economics, R D Irwin, Homewood.8th Ed.
9. Krugman, P.R. and Obstfeld, M. (1994), International Economics: Theory and Policy, Glenview, Foresman.
10. Mishra, S.K. and Puri, V.K. (latest), Indian Economy- Its Development Experience, Himalaya Publishing House.
11. Salvator, D L (2001): International Economics, Prentice Hall, Upper Saddle River, New York.



B.A. (ECONOMICS)
SEMESTER – VI

CORE COURSE:

Paper No. ECO-CC-605: Development Economics – II

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

B.A (ECONOMICS)

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none"> – Economic Growth and Structural Change: – Structural Changes in the composition of gross domestic product, occupational structure, Structure of capital accumulation; and – Accumulation of human capital; – Exploring the relationship between economic development and income distribution(Kuznets’ inverted U – shaped curve) 		
2	<ul style="list-style-type: none"> – Interdependence between agriculture and industry; – Industrialization and urbanization (The models of Lewis and Todaro); – The Balanced Growth Doctrine (Review of Rosenstein, Nurkse and Lewis); – The Strategy of Unbalanced Growth (Hirschman’s version) – The reconciliation of the Balanced and Unbalanced Growth – Sustainable Development : Concept and Indicators 		
3	<ul style="list-style-type: none"> – International trade and economic Development – Export Promotion and Import Substitution – Developmental aid- Role, trends and Constraints; – Role of Foreign Direct Investment (FDI) and Multi-national Corporations (MNCs) in the emerging scenario. 		
4	<ul style="list-style-type: none"> – An Overview of the Economic Functions of the Market and State; – Efficiency of the Competitive Market, – Market Failure, Government Failure, on the Choice of Economic System, – Market failure in a dynamic economy. 		

- (1) Five questions of equal marks shall be drawn by the paper setter.**
- (2) Four questions shall be drawn from four units (1 question from each unit)**
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.**



Reference Books:

1. Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
2. Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 1 to 3, Elsevier, Amsterdam.
3. Ghatak, S. (1986), An Introduction to Development Economics, Allen and Unwin, London.
4. Hayami, Y. (1997), Development Economics, Oxford University Press, New York.
5. Higgins, B. (1959), Economic Development, Norton, New York.
6. Kindleberger, C.P. (1977), Economic Development, 3e, McGraw Hill, New York.
7. Meier, G.M. (1995), Leading Issues in Economic Development, 6e, Oxford University Press, New Delhi.
8. Myint, Hla (1965), The Economics of Underdeveloped Countries, Preager, New York.
9. Myint, Hla (1971), Economic Theory and Under Developed Countries, Oxford University Press, New York.
10. Thirlwall, A.P. (1999), (6th Edition), Growth and Development, Macmillan, London.
11. Bhagwati, J. and P. Desai (1970), India: Planning for Industrialization, Oxford University Press, London.
12. Boserup, E. (1991), Population and Technological Change: A Study of Long Term Change, Chicago University Press, Chicago
13. Brahmananda, P.R. and C.N. Vakil (1956), Planning for an Expanding Economy, Vora and Co., Bombay.
14. Chakravarti, S. (1982), Alternative Approaches to the Theory of Economic Growth, Oxford University Press, Delhi.
15. Chakravarty, S. (1987), Development Planning: The Indian Experience, Clarendon Press, Oxford.
16. Chenery, H.B. et. al. (Eds.) (1974), Redistribution with Growth, Oxford University Press, New York.
17. Dasgupta, P., A.K. Sen and S. Marglin (1972), Guidelines for Project Evaluation, UNIDO, Vienna.
18. Todaro, M.P. (1971), Development Planning : Models and Methods, Oxford University Press, Oxford.



B.A. (ECONOMICS)
SEMESTER – VI

CORE COURSE:

Paper No. ECO-CC-606: Basic Statistics & Mathematics – II

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Correlation: Simple coefficient of correlation (Karl Pearson & Spearman's Rank Correlation), Coefficient of determination– Regression: Estimate of Regression lines & regression equations, computation and interpretation of regression coefficients.		
2	<ul style="list-style-type: none">– Time Series Analysis: Concepts, components, methods of finding trend: Semi average, moving average, least square, ratio-to-average.– Index Numbers: Types and Uses, Tests of Consistency, Fisher's ideal Index. Fixed base and Chain base index numbers. Problems in Construction of Index numbers and the limitations of index numbers.		
3	<ul style="list-style-type: none">– Matrices and determinants : Addition and matrix Multiplication Determinants: Minors and Cofactors, inverse of a matrix and Cramer's Rule– Input Output analysis: Basic idea only.		
4	<ul style="list-style-type: none">– Simple derivatives: First Principle Method, Rules of Differentiation, Economic applications.– Partial Derivatives: Basic idea of Partial Derivatives.– Integration: Basic Rules of integration, Application of integration in Economics (Consumer and producer surplus only)		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Allen, R.G.D. (1976). *Mathematical Analysis for Economists*, Macmillan.
2. Bez, K. (1983). *An Introduction to Input Output Techniques*, N.B.T., Goel Publishing House, Meerut.
3. Chiang, A.C. (1974). *Fundamental Methods of Mathematical Economics*, McGraw Hill and
4. Chou Y. (1975). *Statistical Analysis*, Holt, Reinhart, Winston, New York.
5. Croxton, Crowden and Klein (1971). *Applied General Statistics*, Prentice Hall of India, New Delhi.
6. Goon, A. M., M. K. Gupta and B. Dasgupta (1993). *Fundamentals of Statistics Vol. I*, The World
7. Handry, A.T. (1999). *Operation Research*, Prentice Hall of India, New Delhi.
8. Kogakusha, New Delhi.
9. Kothari, C.R. (1992). *An Introduction to Operation Research*, Vikas Publishing House, New Delhi.
10. Mehta & Madnani (1992). *Mathematics for Economists*, S. Chand, New Delhi.
11. Miller, J. (1996). *Statistics for Advance Level*, Cambridge University press, Cambridge.
12. Monga, G.S. (1972). *Mathematics and Statistics for Economists*, Vikas Publishing House, New Delhi.
13. Nagar, A.L. and R.K. Das (1993). *Basic Statistics*, Oxford University Press, New Delhi
14. Press, Calcutta.
15. Rao, C.R. (1965). *Linear Statistical Inference and Applications*, Wiley and Sons.
16. Sukhatme, P. V. and B. V. Sukhatme (1970). *Sampling Theory of Survey with Applications*, Iowa State University Press, Ames.
17. Taha, H.A. (1997). *Operation Research: An Introduction (6th Edn.)*. Prentice Hall of India Pvt. Ltd., New Delhi.
18. Yamane, T. (1973). *Mathematics for Economists*, Prentice Hall, New Delhi.
19. K. Sydsaeter and P. Hammond, (2002). *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi.





B.A. (ECONOMICS)
SEMESTER – VI

CORE COURSE:

Paper No. ECO-CC-607: Advanced Indian Economy – II

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	Population Demographic Profile of India- Size and Growth of Population. Causes of Growing Population.- High Birth Rate and Decreasing Death Rate. Nature of Population Problems in India Measures for Population Control. Need for Population Policy - Latest Population Policy Human Resource Development and Urbanization		
2	Poverty and Unemployment Meaning and Concepts of Poverty. Poverty line- Need of Redefining, Causes of Poverty and Measurement of Poverty Measures of Eradication of Poverty – Poverty Alleviation Programmes in India Unemployment – Nature, Types, Causes & Measures Poverty and Unemployment in the post-reform period		
3	Planning and NitiAyog Meaning, Concepts, Need and Objectives of Planning in India Types of Planning, Merits and Demerits. Objectives, Achievements, and Failures of Five Year Plans. Objectives of ongoing (12 th) Five Year Plan NitiAyog – Meaning, Organization, Objectives Difference between Planning Commission and NitiAyog		
4	Indian Finance & External Sector Structure of the financial system in India – Money market and Capital Market in India (Overview) Post-Reform period trends in Public Revenue, Expenditure and Debt in India Trends, Composition and Direction of India's External Sector EXIM Policy of India in relation to Trade Liberalization and its Impacts, FDI, FII and MNCs in India External Borrowings and BOP Problem in India International Institutions (IMF, WB, ADB, WTO) and the Indian Economy.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Datt, Gaurav and Mahajan, Ashwani “Dutt&Sundharam Indian Economy” S. Chand & Company (Latest Ed.).
2. Dhar, P.K. “Indian Economy – Its Growing Dimensions” Kalyani Publishers (Latest Ed.).
3. Goel, M.M. (2014): Indian Economy Long Term Challenges & Policy Measures, Monograph N.91, A GunaGauravNyas Publications Think Line
4. Goel, M.M. (2012) “Economics of Human Resource Development in India” VK Global Publications
5. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
6. Government of India, Planning Commission; Five Year Plan Document.
7. Kapila, Uma “Indian Economy: Performance and Policies” Academic Foundation, New Delhi (Latest Edition).
8. Kapila, Uma “Indian Economy since Independence” Academic Foundation, New Delhi (Latest Edition).
9. Mishra S. K. and Puri, V. K. “Indian Economy”, Himalaya Publishing House (Latest Ed.)
10. Monthly Issues of Journals “*Kurukshetra*” and “*Yojana*”.



B.A. (ECONOMICS)
SEMESTER - VI

CORE COURSE:

Paper No. ECO-CC-608: Research Methodology

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	– Research – Concept, Characteristics, Importance & Limitations. Research Methods – Survey Method, Experimental Method & other Methods. – Research Design -Definition, Characteristics of a good Research Design, Types of Research Design.		
2	– Formulation of Research Problem & Hypothesis: Research Problem, – Conditions, Sources & Criteria, – Hypothesis –Importance, types, Difficulties in formulation.		
3	– Sampling Methods: Types of Sampling Methods, Advantages & Disadvantages of Census Method.		
4	– Collection of Data: Primary & Secondary Data, Methods of Primary Data Collection, – Questionnaire –Construction & Design, Types of Questionnaire, Sources of Secondary Data, Precautions in use of Secondary Data.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.

Reference Books:

1. Bailey, Kenneth D., (1982), Methods in Social Research, New York: MacMillan Publishing Co.
2. Festinger, Leon & Katz Daniel: Research Methods in the Behavioural Sciences, New Delhi.
3. Groves, R. M., Fowler, F. J., Couper, M. P., Lepkowski, J. M., Singer, E., & Tourangeau, R.
4. (2004). Survey methodology that work. Hoboken, NJ: Wiley.
5. Henry, G. T. (1990). Practical sampling. Thousand Oaks, CA: Sage
6. Kothari, C.R., (1985), Research Methodology-Methods and Techniques, New Delhi: WishwaPrakashan
7. Levin, Jack, (1973), Elementary Statistics in Social Research, New York, Harper and Row Publishers.
8. Nachmias David & Nachmias Chava, (1981), Research Methods in the Social Sciences, New York, St. Martin's Press.
9. Panneerselvam, R., (2004), Research Methodology, Prentice Hall of India, New Delhi,
10. Pauline V Young: Scientific Social Surveys and Research.
11. Sanders, Willam, B. & Pinhey Thomas K.: The Conduct of Social Research, New York, CBS College Publishing,



B.A. (ECONOMICS)
SEMESTER – VI

CORE COURSE:

Paper No. ECO-CC-609: Gujarat Economy (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	Gujarat at a Glance-brief history of Gujarat & origin of Gujarat. State Gross Domestic Product of Gujarat. Demography of Gujarat.- Bhavnagar comparative study. The issues facing Gujarat Economy today including Present status in agriculture, industry, services, international trade and natural resources endowment.		
2	Agricultural and Allied Sector in Gujarat-Agricultural major crops, change in crop pattern and its issues- productivity, Technology, Irrigation, Credit, Marketing, Sardar Sarovar Project. Animal Husbandry- Milk & animal related products, Fisheries, Forest- status, trends and issues. Agro-climatic zones of Gujarat		
3	The Importance of Gujarat Industries. Industrial development in Gujarat since 1960. Infrastructure in Gujarat- Status, Trends, Issues. Recent Industrial Policy of Gujarat Transportation and Communication in Gujarat. Co-operative banks in Gujarat.		
4	The concept of Social Sector in Gujarat. The status, Trends & Issues of Education, Health, Unemployment, Poverty. HDI in Gujarat. HD report of Gujarat(GSIDS `s Report)		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.

Reference Books:

1. Socio-Economic Review (2017) (various years), Bureau of Economic & Statistics, Government of Gujarat, Gandhinagar
2. Planning commission of Gujarat reports
3. Monthly review of the Gujarat Economy: CMIE
4. Statistical Abstract of Gujarat State: Directorate of Economics & Statistics, GoG
5. The Rural Economy of Gujarat, Issue 2 of University of Mumbai Publications: Mangnial Bhagwanji Desai



B.A. (ECONOMICS)
SEMESTER - VI

CORE COURSE:

Paper No. ECO-CC-609: Economics of Social Sector (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<ul style="list-style-type: none">– Role of Health and Education in Human Development– Importance in poverty alleviation– Health and Education outcomes and their relationship with macroeconomic performance		
2	<ul style="list-style-type: none">– Microeconomic Foundations of Health Economics– Demand for Health– Uncertainty and Health Insurance market– Alternative Insurance Mechanism– Market failure and rationale for public intervention– Equity and inequality		
3	<ul style="list-style-type: none">– Evaluation of Health Programmes– Costing, cost effectiveness and cost-benefit analysis– Health outcomes and health system, burden of disease– Health Financing		
4	<ul style="list-style-type: none">– Education: Investment in Human Capital– Rate of return to education: private and social– Quality of education– Theories of Discrimination– Gender and cast discrimination in India– Education Sector in India : Overview– Literacy Rate, school participation, school quality measures		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Feldstein M.S. (1967), *Economic Analysis of Health Service Efficiency*, North Holland, Amsterdam.
2. James W. Henderson, *Health Economics and Policy*; Thomson-South-Western, (Indian edition by Akash Press, New Delhi) 2005.
3. Klarman H.E. (1965), *The Economics of Health*, Columbia University Press, Columbia.
4. Panchmukhi P.R. (1980) :*Economics of Health : A Trend Report*”, in ICSSR A Survey of Research in Economics, Vol. VI, Infrastructure, Allied Publisher, Delhi.
5. Weisbrod, B.A. (1961), *Economics of Public Health*, University of Pennsylvania Press, Pennsylvania.
6. Weiseman, J. (1962), *Cost Benefit Analysis and Health Service Policy*, *Scottish Journal of political Economy*, Vol. 10, No.1. February.
7. Becker, G.S. (1974). *Human Capital (2nd Ed.)*. National Bureau of Economic Research, New York.
8. Blaug, M. (1972). *Introduction to Economics of Education*, Penguin, London.
9. Cohen, E. and T. Gaske (1989). *Economics of Education*, Pergamoun Press, London.
10. Mc Mohan (1999). *Education and Development: Measuring the Social Benefits*, Oxford University Press, Oxford.
11. Schultz, T.W. (1971). *Investment in Human Capital*, Free Press, New York.
12. Tilak, J.B.G. (1994). *Education for Development in Asia*, Sage Publications, New Delhi.
13. Vaizoy (1962). *Economics of Education*, Faber and Faber, London.
14. Woodhall, M. (1992). *Cost Benefit Analysis in Educational Planning*, UNESCO, Paris.
15. World Bank (1993). *The World Development Report, 1993: Investing in Health*, O.U.P., New York.



B.A. (ECONOMICS)
SEMESTER - VI

CORE COURSE:

Paper No. ECO-CC-609: Co-Operation (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	<p>Growth of Co-operative Movement:</p> <ul style="list-style-type: none"> – Origin – Meaning – Co-operation Values – Co-operative Movement in Developed and Developing countries. <p>Principles of Co-operation:</p> <ul style="list-style-type: none"> – Characteristics – Major Principles of Co-operation – Revised – Principles of Co-operation – Necessary Conditions for Co-operative Movement 		
2	<p>Role of Co-operatives in Development:</p> <ul style="list-style-type: none"> – Role of Co-operatives in Rural and Agriculture sector - Role of Cooperatives in Urban and Industrial Sector <p>Co-operative Banks:</p> <ul style="list-style-type: none"> – Primary credit Societies- District/Central Co-operative Banks- People's/ Nagarik Co-operative banks- Urban Co-operative Banks- 		
3	<p>Co-operative Structure :</p> <ul style="list-style-type: none"> – Three Tier Structure; Primary Level, District Level, State Level Federations. <p>Types of Co-operatives:</p> <ul style="list-style-type: none"> – State Co-operatives – District and Co-operatives – Primary Cooperatives – Agriculture and Non-agriculture Co-operatives – Industrial Co-operatives – Consumer Co-operatives – Producers' Co-operatives – Financial or Credit Co-operatives 		
4	<ul style="list-style-type: none"> – Co-operative Banks and Reserve Bank of India-Protection of consumers' investment- Problems faced by co-operative banks; recovery, over-due <p>Different Types of Co-operative Societies:</p> <ul style="list-style-type: none"> – Industrial Co-operatives - Fishery Co-operatives - Housing Cooperatives - Consumer Co-operatives - Fertilizer Co-operatives (IFFCO, KRIBHCO) - Dairy Co-operatives 		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

1. Ahmed Rais, (1999) Co-operative and Integrated Rural Development, Mittal Publication, New Delhi.
2. Anand, Jaya S., (2003) Co-operatives and Agricultural & Rural Development Bank, Atlantic Publishers and Distributors, New Delhi.
3. Bedi R.D., (2012) Theory, History and Practice of Co-operation, R. Lal and Co., Government College, Meerut.
4. Chambey B.N., (2005) Principles and Practice of Co-operative Banking in India.
5. Das T.R. and K.K. Sen, (2009) Co-operatives and Economic Development, Rawat Publication, Jaipur and New Delhi.
6. Dwivedi R.C., (2008) Jawaharlal Nehru's Vision on Co-operatives, New Delhi.
7. Dwivedi R.C., (2008) Glimpses of Co-operatives Through Press, Vol. 1-8, The Co-operative Times, New Delhi.
8. Gohel B.B., (1976) Management of Marketing Co-operatives, Deep and Deep Publication, New Delhi.
9. Hajela T.N., (2010) Principles, Problems and Practice of Co-operation, ShivalAgrawal & Co., New Delhi.
10. Jain L.C. and Karen Coelho, (1996) In the Wake of Freedom, Concept Publishing Co., New Delhi.
11. Jain P.K., (2010) Marketing Management of Co-operative Sector in India, Krishna Publishing House, New Delhi.
12. Jha D., (2012) In Search of Co-operative Values, Vikas Publishing House Pvt. Ltd., New Delhi.
13. Kainth G.S., (1998) India's Rural Co-operatives, Regency Publication, New Delhi.
14. Kulkarni S.R., (2002) Urban Co-operative Banks, Anmol Publications Pvt. Ltd., New Delhi.
15. Mathur B.S., (1971) Co-operative marketing in India, Sahitya Bhavan, Agra.
16. Mishra Baidyanath, (1997) Co-operative Movement in India, APH Publishing Co., New Delhi.
17. NDDDB, AMUL: (1965) A Success Story, Anand.
18. Nagi B.S., (2008) Co-operative Credit and Regional Development, Deep and Deep Publication, New Delhi.
19. Pathania K.S., (1998) Management of Co-operative Finance in India, Anmol Publications Pvt. Ltd., New Delhi.
20. Puri S.S., (1979) Ends and Means of Co-operative Development, NCUI, New Delhi.
21. Reddy & Reddy, (1997) Co-operative and Rural Development, Anmol Publication Pvt. Ltd., New Delhi.
22. Saxena K.K., (1974), Evolution of Co-operative Thought, Somaiya Publication Pvt. Ltd., New Delhi.



B.A. (ECONOMICS)
SEMESTER - VI

CORE COURSE:

Paper No. ECO-CC-609: Computer Applications in Economics (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	Introduction to Computer Fundamentals: History and Evolution of Computers; Components of a Personal Computer System; Classification of Computers and their applications; System – Meaning and Concept; Hardware, Software and Types of Software; Operating System- Meaning and Functions; Types of memory; Input-Output Devices. Computer Languages - Machine, Assembly and High-Level Languages;		
2	Data and Information: Meaning, Types, Data Storage Hierarchy; Data base Concepts; Data base Management System, Data Base Structuring Techniques, Table, Form, Query Report; Advantages and Limitations of Database System; Information Technology in Business : Internet, Intranet, Extranet, LAN, MAN, WAN, WWW, E-Mail, Search Engines, EDI and ATM. Social Media.		
3	Application Softwares: Windows based operating system; Word Processing –Document Management and Formatting; Main Features of MS Access and Presentation software.		
4	Problem Solving with Spreadsheets; Spreadsheet as DBMS; Arithmetic & Geometric Progressions; Solution of Simultaneous Equation with Matrices; Mathematical, Statistical & Financial Functions; Graphical Analysis in Economics; Time-path of economic variables.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.



Reference Books:

Basic Reading List

1. Sinha, P.K. , Computer Fundamental, BPB Publications, New Delhi.
2. Rajaraman, V. Fundamentals of Computers, Prentice Hall of India, New Delhi.
3. Parameswaranm R. Computer Applications in Business, S. Chand and Company, New Delhi.
4. Sudalaimuthu, S. and Anthony Raj S, Computer Applications in Business, Himalays Publishing House, New Delhi.
5. Goel, Sushil, Computer Application to Business & E-Commerce, Natraj Publishing House, Karanl.
6. Madan, Sushila, Information Technology, Taxman Allied Services, New Delhi.
7. P.T. Joseph, S.J. , E- Commerce : An Indian Perspective, PHI Learning , New Delhi.
8. Lipschultz, M.M. and S. Lipschultz , Theory and Problems of Data Processing, Schaum's Outline Series, McGraw Hill, New York.
9. David Whiteley, E-Commerce: Strategy, Technologies and Applications, Tata McGraw Hill, New Delhi.



B.A. (ECONOMICS)
SEMESTER – VI

CORE COURSE:

Paper No. ECO-CC-609: Financial Economics (Optional)

Total Marks: 100 Marks

Semester End Examination: 70 Marks

Continuous Internal Evaluation: 30 Marks

Credit: 05

Unit	Detailed Syllabus	Teaching Hours	Marks / Weight
1	– Financial Markets – Role, Functions and structure, Types and Distinctive Features of Financial Instruments.		
2	– Risk and Return – Sources and Types of Risk, Measurement of risk and return - Historical and Expected, Efficient Portfolio, Minimum Variance Portfolio, Optimal Portfolio. – Capital Asset Pricing Model, Efficient Market Hypothesis.		
3	– Indian Financial Markets – Indian Money Market – Participants, Structure and Instruments. – Indian Capital Market – Primary and Secondary Market. – Market for derivatives – Futures and Options. – Recent Reforms in Financial Sector.		
4	– Regulation of Financial Market - RBI – Role and Functions, SEBI – Role and Functions.		

- (1) Five questions of equal marks shall be drawn by the paper setter.
- (2) Four questions shall be drawn from four units (1 question from each unit)
- (3) The 5th question shall be of short notes drawn from the four units. Four short-notes shall be given out of which two short-notes have to be answered.

Reference Books:

1. Bhole, L M (2003) : Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi (4th Ed.)
2. Bhole, L M (2000) : Indian Financial System, Chugh Publications, Allahabad.
3. Houthakker, H S and: Economics of Financial Markets, Oxford University Williamson, P J (1996) Press.
4. Fabozzi Frank, J Modigliani: Foundation of Financial Markets and Institutions ,Pearson Ed.
5. Reserve Bank of India : Various Reports
6. Government of India : Economic Survey