SYLLABUS
M.A. (ECONOMICS)
PART-II
(SEMESTER SYSTEM)

Sessions: 2015-16 and 2016-17

SCHEME OF STUDIES

SEMESTER-III
Eco-301: Political Economy of Development  
Eco-302: Evolution and Structure of Indian Economy  
Eco-303: Public Economics  
Eco-304-305: Any two papers from any one of the following groups:  
Group-I  
(i) International Economics  
(ii) Regional Economics and Punjab Economy  
(iii) Money and Banking  
(iv) Comparative Economics Systems  
(v) Theory of Statistics  
(vi) Mathematical Economics  
(vii) Computer Applications for Economists -I  
Group-II  
(i) Theory of Statistics  
(ii) Econometrics

SEMESTER-IV
Eco-401: Political Economy of Development  
Eco-402: Evolution and Structure of Indian Economy  
Eco-403: Public Economics  
ECO-404-405: Any two papers from any one of the following groups:  
(Same as selected in Semester-III)  
Group-I  
(i) International Economics  
(ii) Regional Economics and Punjab Economy  
(iii) Money and Banking  
(iv) Comparative Economics Systems  
(v) Theory of Statistics  
(vi) Mathematical Economics  
(vii) Computer Applications for Economists -II  
Group-II  
(i) Theory of Statistics  
(ii) Econometrics

The Break-up of 20 Marks for Internal Assessment (Theory papers) is as below:
1. Two Mid-Semester Tests 08 Marks  
2. Class Attendance 04 Marks  
3. Project Work/Assignment Seminar/ Field Work etc. 08 Marks

Total Marks 20 Marks
Eco-301: Political Economy of Development

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks
Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Dialectical and Historical Materialism: Its theory and method, Dialectical materialism (Materialistic conception of human/social history), Nature and role of contradictions.
Mode of Production and Social Superstructure: Factors constituting and forces governing mode of production, Social superstructure and its elements, Dialectical interaction of base and superstructure, About economic development, socials transition and system transformation. Development through Social Formations.
Historical Social Formations: Rise of private property, classes and the State, Distinguishing features of Primitive Communism/ society, Slavery, Feudalism/serfdom, Capitalism/imperialism and Socialism/communism.
Asiatic Mode of Production: The concept and controversy, Asiatic mode vs. Feudalism, Characteristics of Asiatic mode. Its specific nature.

SECTION-B
Strategies for Third World Development: Perspectives of Third World capitalism; Indigenous&/or dependent, Globalization of dependent capitalism.

RECOMMENDED READINGS
Andre Gunder Frank (1975) : On Capitalist Underdevelopment, Oxford University Press, Delhi.
SUPPLEMENTARY READINGS
ECO-302: Evolution and Structure of Indian Economy

Maximum Marks: 80       Teaching periods: 55
Internal Assessment: 20 marks       Time allowed: 3 Hours
External Assessment: 60 marks       Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A


SECTION-B


RECOMMENDED READINGS

Krishna Sharda: Production Conditions in Indian Agriculture, Cambridge University Press.
D.R.Gadgil: The Industrial Evolution in India in Recent Times: 1862-1939; Oxford University Press.
P.C.Joshi: Land Reforms in India, Vikas Publishing Co.
David Lehmenn (ed): Agrarian Reforms and Agrarian Reformism.
Ruddar Datt & KP.M Sudharam: Indian Economy, S. Chand & Co.
Romesh Dutt: The Economic History of India, Vols. I & II
Surendra J. Patel: Agricultural Labourers in Modern India and Pakistan.

SUPPLEMENTARY READINGS

S.Katovsky: Reforms in India.
Daniel Thorner: The Agrarian Prospects in India.
Theoder Begmann: Agrarian Reforms in India, Agricole Publishing Academy.
Eco-303: Public Economics

Maximum Marks: 80       Teaching periods: 55
Internal Assessment: 20 marks       Time allowed: 3 Hours
External Assessment: 60 marks       Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

Changing perspective about the Role of the Government, Government in a mixed economy; public and private sector, cooperation or competition; Government as an agent for economic planning and development; Private goods, public goods, and merit goods; Market failure and imperfections; decreasing costs, externalities of public goods.

Public Choice & Rationale of Public Policy: Private and public mechanism for allocating resources; Problems of preference revelation and aggregation of preferences; Voting systems; Arrow impossibility theorem. Allocation of resources-provision of public goods; Market Voluntary exchange models; Achieving Social goals: poverty alleviation; provision of infrastructural facilities, removing distributional inequalities and regional imbalances. Sources of Public Revenue.

SECTION-B


Public Expenditure: Rationale for the growth of public expenditure, Wagner's law of increasing state activities: Wiesman-Peacock hypothesis; Pure theory or public expenditure. Planning and Programme budgeting and zero base budgeting. Incidence and Effects of Public Expenditure.

BASIC READINGS LIST

ADDITIONAL READING LISTS

Friedman, A (1986), Welfare Economics; and Social Choice Theory, Martins; Nijhoff, Boston.
Any two of the following:

**ECO-304-305: (Group-(i) Opt (i) INTERNATIONAL ECONOMICS**

<table>
<thead>
<tr>
<th>Maximum Marks: 80</th>
<th>Teaching periods: 55</th>
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<tr>
<td>Internal Assessment: 20 marks</td>
<td>Time allowed: 3 Hours</td>
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<tr>
<td>External Assessment: 60 marks</td>
<td>Pass Marks: 35%</td>
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**INSTRUCTIONS TO THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

**SECTION-A**

**Pure Theory of International Trade:** Classical, comparative cost advantage, opportunity cost and factor-endowments. Theory of factor price equalization, reciprocal demand, offer curve analysis and determination of international prices.

**New Theories of International Trade:** market structure, economies of scale, intra-industry trade, product differentiation and technology. Gains from trade and their distribution: terms of trade, concepts and measurement. Secular deterioration thesis of terms of trade. Emmanuel’s theory of unequal exchange.

**SECTION-B**

**Commercial policy:** free trade vs. protection. Theory of tariffs, effects of tariffs; partial and general equilibrium analysis. Optimum and effective rates of tariffs. Stolper-Samuelson theorem. Political economy of non-tariff barriers.

**Theory of regional economic integration:** forms of integration, static and dynamic effects of customs union. Bilateral and multilateral agreements. UNCTAD, GATT and WTO. Regional economic grouping: EU, SAARC and NAFTA.

**RECOMMENDED READINGS**


**SUPPLEMENTARY READINGS**

Anhne C. Kruger: WTO As an Organization, Oxford University Press, Delhi, 1999.
ECO. -304-305 GROUP (ii) Regional Economics and Punjab Economy

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

Concept of Region: Type of region-homogeneous, nodal, programming, administrative and natural regions.
Regional Allocation of resources: Balanced regional development; Regional linkage-spread and backwash effects; Convergence and divergence.

SECTION-B

Transport costs and location; weber's theory of location; Locational and weight triangles; Locational interdependence.
Urban Development: Regional imbalance in India; Regional planning; Rural urban inequality; Growth poles and development process.

RECOMMENDED READINGS

SUPPLEMENTARY READINGS
ECO.304-305 (iii) Money and Banking

Maximum Marks : 80
Internal Assessment : 20 marks
External Assessment: 60 marks

Teaching periods : 55
Time allowed : 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

SECTION-B
Supply of Money: Measures of Money supply, H-theory of money supply: (High powered money, money multiplier process, factors affecting high powered money). Commercial Banks: Definition, Classification, functions (including credit creation and its control). Theories of commercial bank in. innovations in commercial banking services. Unregulated Credit Markets: Role, types.

BASIC READINGS LIST
2. Dudley G. Luckett: Money and Banking.
3. L.M. Bhole: Financial Institutions and Markets.

SUPPLEMENTARY READINGS
1. R. Glenn Hubbard: Money, the Financial System and the Economy.
ECO.-304-305 (iv) Comparative Economics Systems

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

SECTION-B

RECOMMENDED READINGS

SUPPLEMENTARY READINGS
ECO-304-305 GP-I(V), GP II(I): THEORY OF STATISTICS

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Curve fitting: Exponential and logarithmic, Growth curves; Gompertz, Logistic and Pareto type. Time series forecasting.

SECTION-B
Probability: Addition & multiplication theorems; Conditional probability, Bay's theorem, Properties & application of Normal distribution. General characteristics and applications of Binomial, Poisson, and Log normal distributions.

RECOMMENDED READINGS
Mills, F.C : Statistical Methods, Henry Hold& Co. New York

OTHER BOOKS
ECO- 304-305(vi)  Mathematical Economics

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks
Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have
four questions from the respective sections of the syllabus and will carry 09 marks each. Section
C will consist of 8 short-answer type questions of three marks each, which will cover the entire
syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each
of the Section A and B and the entire Section C.

SECTION-A
Theory of Consumer Behaviour: Utility function- Behavioral postulates, nature and
existence, demand function, compensated demand function, ordinal and cardinal utility
maximization, Slutsky equation for a few and more commodities, traditional and modern
derivation and its interpretation, elasticities, linear expenditure function and indirect
utility function, Roy's identity, choice and risk, Von-Neuman utility function, Inter-
temporal utility maximization, revealed preference theory- the weak and strong order
axioms, integrability problem, the composite commodity theorem.
Production Analysis: Homogenous and homothetic production functions, elasticity of
substitution, Cobb- Douglas and CES production functions, Output and profit
maximization, cost minimization traditional and modern approach, duality in production.

SECTION-B
Market Equilibrium: Price and output determination under perfect competition,
monopoly and price discrimination, oligopoly and duopoly, the Cournot-Nash
equilibrium. Collusion and Stackleberg model. Commodity market and factor market
equilibrium, existence and uniqueness of equilibrium, stability of equilibrium, dynamic
equilibrium with lagged adjustment, the cobweb model. Multi-market equilibrium.
Walras’s law and the existence of general equilibrium (without proof)

BOOKS RECOMMENDED
A Mathematical Approach (3rd ed.).
Lancaster, V. (1965) : Mathematical Economics.
(Analysis.
Quirk, J. and Saposnik, R. (1968) : Introduction to General
Equilibrium Theory and Welfare Economics.
Mathematical Approach.
Madnani, G.M.K: Mathematical Economics.
OTHER BOOKS
Hicks, J.R. (1946) : Value and Capital.
ECO- 304-305 (vii): Computer Applications for Economists -I

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks
Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Computer Fundamentals : Basic Computer Organization. Evolution of computers; steps in problems solving on a computer and basic computer terminology: input and output devices, storage devices. Introduction to Software : Computer software and its types. Planning a computer program. computer programming languages. Operating system-functions and types; Commonly used DOS Commands, Broad Structure of a Statistical/econometric package.

SECTION-B
Algorithm and Interpretation of Result: Simple Karl Pearson's Correlation; Two Variable regression, Multivariate Regression. Analysis of Variance. Multiple Regression Analysis: Meaning, Objective, Research design of multiple regression analysis, assumptions, method and algorithm of estimation and overall model fit; Interpretation of regression output, validation of results.

BASIC READINGS
1. V. Rajaraman: Fundamentals of Computers, P-III
2. P.K.Sinha: Computer Fundamentals, BPB.
4. Johan Methew: Numberical Methods, P-III
5. Manuals of various packages.
ECO- 304-305 GP-II (ii) :Econometrics

Maximum Marks: 80       Teaching periods: 55
Internal Assessment: 20 marks       Time allowed: 3 Hours
External Assessment: 60 marks       Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Basic Econometrics : Meaning and scope of econometrics. Two Variable Linear Regression Model: assumption; Least squares estimation; Gauss Markov Theorem; Inference in the two variable model; goodness of fit; concept and derivation of R2 and adjusted R2: Concept of analysis; Prediction with two variables; linear regression model.
General Linear Model: General K-Variable Regression ; Model; Matrix formulation of K-variables model; assumptions; Least squares estimation; Properties of least squares estimators; Inference in the K-Variable model; goodness of fit; prediction; Introduction to fitting of restricted regression. Specification Error: concept of specification error in K-Variable Linear Equation; Tests for parameter consistency; Tests for structural change. Dummy explanatory variables.

SECTION-B
Problems of Regression Analysis: nature test consequences and remedial steps to the problems of Heteroscedasticity, multicollinearity” auto-correlation and Errors of measurement; Aitkin's Generalized Least Squares estimator. University Time Series Modeling: Introduction to ARIMA modeling; Properties of AR,MA and ARMA processes; testing for stationarity; Identification, estimation and Testing of ARIMA (1,1,0) processes.

RECOMMENDED READINGS

SUPPLEMENTARY READINGS
Eco- 401: Political Economy of Development

Maximum Marks: 80       Teaching periods: 55
Internal Assessment: 20 marks       Time allowed: 3 Hours
External Assessment: 60 marks       Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Marxian Political Economy
Basic Analysis of Capitalism: The context, Approach and methodology, Capitalism and commodity production, Labour and Law of value, Commodity fetishism, Surplus-value, socio-economic crisis Contradictions of capitalist development. Third World (late) capitalism,
Analysis of Capitalist Agriculture: Capitalism in general and capitalism in agriculture,, Its essence, manifestations and consequences , Its limitations and contradictions.
Nature and Process of Development
Nature of Capital Accumulation : Primitive capital (its) accumulation and its methods, Methods of capitalist accumulation and its limits, Methods of primitive social (its) accumulation and its limits, Features of socialist accumulation and its problems.

SECTION-B
Imperialism and the Third World
Third World Underdevelopment: Imperialism and the Third World, Mode of; underdevelopment, Methods and process of exploitation, Structure of imperialist globalization, Dependent development in the Third World.
Capitalist Social Planning: The State and capitalist social planning. Its essence, purpose, substance and mode, its alternative.
Transition of Socialism Dialectics of Transition: General consideration, Basic prerequisites, Aims of post-revolutionary society (of socialism/communism).
Debate(S) on Transition: Need of a transition (al) period, Economic policies and tasks, Strategy of development.
Post-Revolutionary Society: Characteristics of post-capitalist society, Problems of transition, Structure of production relations under capitalism and socialism.

RECOMMENDED READINGS
Karl Marx & F. Engels (1977) : Manifesto of the Communist Party,
Paul M. Sweezy (1991) : The Theory of Capitalist Development,
K.P. Bagchi & Co., New Delhi, 1st Indian reprint, Chs. 1,2,4,5,6,8,9,14,15 & 17.

SUPPLEMENTARY READINGS

Paul A. Baran (1962) : The Political Economy of Growth, People's Publishing House, New Delhi, Indian edition, Chs, 1, 2, 5 & 8
Eco-402: Evolution and Structure of Indian Economy

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

Saving and capital formation in Indian Economy, Commercial banking system. Money and capital markets in India. Infrastructure in Indian economy: energy, power, transport and communication. Urban infrastructure. economic development and environmental degradation.

SECTION-B

Foreign Capital in India; Foreign direct investment and portfolio investment, India's Foreign trade in goods and services . Trade Balance and balance of payment. Exchange rate policy. Foreign debt. W.T.O and Indian Economy. Concentration of economic power, poverty, unemployment, Economic Inequalities, regional imbalances, population, inflation.

RECOMMENDED READINGS

Ruddar Datt & K.P.M : Indian Economy , S. Chand & Co. Surendra
J. Patel: Agricultural Labourers in Modern India and Pakistan.

SUPPLEMENTARY READINGS

Michael Kidron: Foreign Investment in India, Oxford University Press.
Premit Chaudhry: Some Aspects of India Development, George Allen & Unwin , Blackie (Index).
B. Singh & V.B.Singh (ed) Social and Economic Change: Poverty and Social Change, a Study in the Economic Reorganization of India Rural Society, Macmillan Press,
Daniel Thomer & Alice Thurner: Labour in India.
Eco-403: PUBLIC ECONOMICS

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks
Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A


Fiscal Policy: Objectives of fiscal policy- full employment, anti-inflation, economic growth, redistribution of income and wealth; Interdependence of fiscal and monetary policies; Budgetary deficits and their implications. Balanced budget multiplier.

SECTION-B

Fiscal Federalism: Principles of multi-unit finance; Fiscal federalism in India-constitutional provisions; Assignment of functions and sources of revenue; Finance Commission and Planning Commission. Reports of Finance Commission in India- Criteria for transfer of resources; Centre-state financial relations in India; Problems and prospects; Transfer of resources from Union to States and local bodies.

Indian Public Finances: Indian tax system, Revenue of the Union, State and local bodies; Major taxes in India: base of taxes. direct and indirect taxes taxation of agriculture, expenditure , VAT and taxes on services; Analysis of Centre and indirect taxes, VAT and taxes on services; Analysis of Centre and State government budgets. Trends in public expenditure and public debt; Fiscal crisis and fiscal sector reforms in India.

BASIC READINGS LIST

Sreekantaratadhy, B.S (1972), Public Debt and Economic Development in India, New Delhi.
Gurgaon.
Lakdawala; D.T. (1977), Essays in Fiscal Federalism, Greenwood West Port.
Reports of various Finance Commission.
New Delhi.

ADDITIONAL READING LIST
Bhargava, R.N. (1969): Indian Public Finances, B.D. Bhargava and Sons, Chandausi,
Gandhi, V.P. (1970), Some Aspects of India’s Tax Structure, Vora and company, Bombay.
Government of India (1992), Reports of the Tax Reforms Committee Interim and Final (Chairman: Raja J. Chelliah).
Eco-404-405 Group (i):Opt.(i) INTERNATIONAL ECONOMICS

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A


SECTION-B


RECOMMENDED READINGS


SUPPLEMENTARY READINGS

Anbne O. Kruger: WTO as an Organization, Oxford University Press, Delhi, 1999.
Eco-404-405 Group (i): Opt.(ii) REGIONAL ECONOMICS AND PUNJAB ECONOMY

Maximum Marks: 80
Teaching periods: 55
Internal Assessment: 20 marks
Time allowed: 3 Hours
External Assessment: 60 marks
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

Structure of Punjab Economy: Nature of Punjab economy after re-organization of Punjab; Occupational Pattern and unemployment; Impact of liberalization, privatization and globalization. Agriculture: Nature and problems of Punjab agriculture: Cropping pattern; Capital formation; Productivity, Land reforms; Agricultural finance; Agricultural labour; Role of organizations.

SECTION-B

Industrial Development: Industrial pattern; Major industries; Role of public and private sector, Industrial employment; Trade unions and their role; Capital formation. Tax structure and tax collection in Punjab; Public Expenditure; Public Debt Urbanization : Nature and problems; Population and its composition ; Human Resource Development

BOOKS

1. ... (1982), gzikph dh nkofEesk, gzikph :{Bhtof;Nh, gfNnkbk.

JOURNALS

1. PSE Economy Analyst, Guru Nanak Dev University, Amritsar.
2. www.thefoodbook.com, gzikph :{Bhtof;Nh, gfNnkbk.
3. Economy and Political Weekly, Bombay.

DOCUMENTS

1. Reports and other relevant documents of the different Kisan Unions/ Organization, Agricultural Workers Union/ Organization and Industrial Workers Trade Unions/Organization.
Eco-404-405(iii) MONEY AND BANKING

Maximum Marks: 80       Teaching periods: 55
Internal Assessment: 20 marks       Time allowed: 3 Hours
External Assessment: 60 marks       Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Central Bank: Definition, functions, techniques of monetary management. Reserve Bank of India. Monetary Policy: Concept, goals, targets and indicators, instruments, recent trends in monetary policy of Reserve Bank of India.
Financial Markets: Structure of money market and capital market, problems of money and capital market in India, recent developments in money and capital market in India. Non-Bank Financial Intermediaries: Definition, types, impact on India’s economic development, measures taken to control their operations.

SECTION-B

BASIC READINGS LIST
2. Suraj B. Gupta: Monetary Planning in India.
3. L.M.Bhole: Financial Institutions and Markets.

SUPPLEMENTARY READINGS
1. Govt. of India: Economic Survey (various issues);
2. Economic and Political Weekly: Specific Issues on Money, Banking and Finance.
5. Reserve Bank of India: Report on Trend and Progress and Banking in India (Various issues)
Eco-404-405(iv) COMPARATIVE ECONOMICS SYSTEMS

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks
Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

Market Mechanism and Planning: Role in production, distribution exchange and consumption processes. The pattern of State intervention. Main Economic Problems: Unemployment, poverty, inequality, concentration of economic and political power, inflation, anarchy of production, social waste, technology, labour exploitation, human alienation, etc.

SECTION-B

Class Division: Proletarian, capitalist, Peasant and Middle classes. Economic basis of class hegemony. Capitalism and Socialism: Theory of convergence of the capitalist and socialist systems. Its appraisal.

RECOMMENDED READINGS

A.I.Lenkovsky (1972) : Capitalism in India, People’s Publishing House , New Delhi.

SUPPLEMENTARY READINGS

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

SECTION-B
Elementary knowledge of quality control and its simple applications. Planning and organization of socio-economic surveys. Preparation of questionnaire, Type of sampling. Elementary knowledge of Analysis of Variance (one-way and two way classification) and Analysis of Covariance, Non-Parametric Tests-Chi-square test, and sing-test.

RECOMMENDED READINGS

OTHER BOOKS
R.L. Grant : Statistical quality Control, McGraw Hill Book Company,
Eco-404-405 (vi), MATHMATICAL ECONOMICS

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

INSTRUCTIONS TO THE PAPER-SETTER

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A

Macro Economics: The Classical model and the Keynesian model, Hicks-Hansen version of the Keynesian model, the fiscal policy and the balanced budget theorem, liquidity trap and the efficiency of monetary policy, comparative static’s in the classical and Keynesian models, stability analysis and the correspondence principle.

Growth models: Harrod-Domar growth model and its stability, the Solow model, basic neo-classical growth models, the golden Age problem, technical progress and stability of neo-classical models.

Trade Cycles: General concepts, Hicks-Samuelson multiplier-accelerator interaction model.

SECTION-B

Linear Programming: Activity analysis interpretation of a linear program, the simplex method and the revised simplex, the dual and its economic interpretation, complimentary slackness conditions, duality theorems and application of linear programming to the theory of firm. Introduction to non-linear programming. Kuhn-Tucker conditions.

Input-Output analysis: Static open and closed models, viability conditions, activity analysis, interpretation of input-output model, aggregation problem, substitution theorem, cost and price determination.

Game Theory: Two person zero sum non co-operant game, pure and mixed strategies, loner programming formulation of a matrix, methods of solving a game problem, fair game and conversion of linear programming problem, fair game and conversion of linear programming problem into game and conversion of linear programming problem into game problem.

RECOMMENDED BOOKS

Madnani, G.M.K.: Mathematical Economics.

OTHER BOOKS
Hicks J.R. (1946) : Value and Capital.
Luce, R. and Raiffa, H. (1957) : Games and Decision (Ch.14).
Eco-404-405 (vii), COMPUTER APPLICATIONS FOR ECONOMIS-II

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Factor Analysis: Meaning of factor analysis, Objective and research design; assumptions; Procedure of deriving factor and assessing overall fit, interpretation of factor, validation of factors.
Multi Dimensional Scaling: Working of MDS; Objective, Research design of MDS; Assumptions, Procedure of Deriving MDS solution and assessing overall fit; Interpretations of MDS results, validation of MDS solution and assessing overall fit; Interpretations of MDS results, validation of MDS results. The concept of correspondence analysis.

SECTION-B
Multivariate Analysis of Variance: Meaning, assumptions, Procedure of estimation of MANOVA model, interpretation of MANOVA results, Validation of results; The concept of logistic regression.
Multiple Discriminate Analysis: Meaning, Objective, Research Design for discriminate analysis, assumptions, interpretation of results, validations of results.

BASIC READINGS
1. M.G.Kendal: Multivariate Analysis, PHI
4. Johan Methew: Numerical Methods, PHI.
5. Garret and Wood worth: Statistics in Psychology and Education DEC.
Eco-404-405 GP., -II Opt. (ii) ECONOMETRICS

Maximum Marks: 80
Internal Assessment: 20 marks
External Assessment: 60 marks

Teaching periods: 55
Time allowed: 3 Hours
Pass Marks: 35%

INSTRUCTIONS TO THE PAPER-SETTER
The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 09 marks each. Section C will consist of 8 short-answer type questions of three marks each, which will cover the entire syllabus uniformly and will carry 24 marks.

INSTRUCTIONS FOR THE CANDIDATES
Candidates are required to attempt five questions in all selecting two questions from each of the Section A and B and the entire Section C.

SECTION-A
Simultaneous Equation Models: Structural form and reduced form; Concept of identification; Methods for estimation –Indirect Least Squares, Two Stage Least Squares.

SECTION-B
Discrete and Limited Dependent Variables Models: Type of discrete choice models; the linear probability model; Introduction to formulation of regressions with dummy dependent variables- Probity, Legit and Obit models.
Panel Data Techniques: Sources and types of panel data; Fix effects model; Random effect model; Random coefficients model.
Multivariate Analysis: Principle Components; Discriminate Analysis.

RECOMMENDED READINGS

SUPPLEMENTARY READINGS