

**M. Phil Economics/ Course Work  
(Course Structure)  
w.e.f. 2015-16**

**Semester-I**

	<b>Name of the Paper</b>	<b>Theory</b>	<b>Internal</b>	<b>Time</b>
I	Research Methodology	80	20	3 Hrs.
II	Quantitative Techniques and Computer Applications	80	20	3 Hrs.
III	Selected Issues in Indian Economy	80	20	3 Hrs.

**Semester-II**

<b>Name of the Paper</b>	<b>Theory</b>	<b>Internal</b>	<b>Time: 3 Hrs.</b>
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**Paper IV, V and VI Optional ( Any three of the following)**

i)	The Economics of Corruption	80	20
ii)	Governance Issues	80	20
iii)	Urban Economics	80	20
iv)	Economics of Agriculture	80	20
v)	Haryana Economy	80	20
vi)	Gender Economics	80	20

**Semester-III**

Dissertation	200 marks (150 for evaluation and 50 for viva-voce)
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**Note:1**

- In each paper there shall be twenty marks for internal assessment to be awarded on the basis of their performance in two assignments and one seminar.
- Every student shall have to submit two assignments in each paper each semester
- Every student shall have to give a seminar in each paper each semester
- Dissertation : maximum marks 200 ( 150 for evaluation and dissertation and 50 for viva-voce)

**Note:2**

- The Ph.D. Course work syllabi will be implemented from 2015-16.

**M.Phil (Economics)**  
**Semester-I**  
**Paper-I Research Methodology**

Max. Marks:100  
Time : 3 Hours

Written Exam: 80  
Internal Assessment: 20

Unit-I

Nature of Social Research: Interplay between theory and research and applied research Methodological problems in the study of socio-economic phenomena. Formulation of theories in economic science and the problems associated with its application. Application of research methods in Economics.

Unit-II

Sampling Techniques: Stratified clusters, Multistage and Systematic Sampling. Relationship between sample and data parameters: Sampling error: Sampling from Normal distribution: Sampling from non-normal populations: Sampling distribution of the mean and standard deviation.

Unit-III

Measurement and scaling techniques: nominal scale, ordinal scale, interval scale, rating scale, criteria for good measurement:

Attitude measurement: Likert's scale, Semantic differential scale. Thurstone equal appearing interval scale, multi dimensional scaling:

Data: meaning, types and sources of data.

Data Collection Methods: Observation, Survey and Interview, Designing of a mail questionnaire, and a schedule

Unit-IV

Data Analysis: Editing, coding, classification, tabulation and analysis: Diagrammatic and graphical representation of data, interpretation of result:

Report writing: Purpose, steps, format and final presentation of research report: Referencing bibliography, footnotes and end notes.

Note:

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

Reading List:

- Clive Seale (2004): Social Research Methods- A Reader, Routledge Student Readers, Indian Print
- William J. Goode and Pual K. Hatt(2006): Methods in Social Research, Surjeet Publications, Delhi
- Moser CA and Kalton G(1985): Survey Methods in Social Investigation, Darmouth Publishing Co. Ltd. England.
- Cooper D.R. and Pamela S Schindler(2013): Business Research Methods, Tata McGraw-Hill/Irwin
- Krishnaswamy KN, Appa Iyer Sivakumar and M. Kathirajan(2009): Management Research Methodology: Integration of Principles, Methods and Technique , Pearson Education India, New Delhi
- Krishnaswamy M and M Ranganathan(2014): Methodology of Research in Social Sciences, Himalaya Publishing House, New Delhi.
- Bhandarkar PL and TS Wilkinson(2010): Methodology and Techniques of Social Research, Himalaya, New Delhi.

**M.Phil (Economics)**

**Semester-I**

**Paper-II Quantitative Techniques and Computer Applications**

Max. Marks:100

Time : 3 Hours

Written Exam: 80

Internal Assessment: 20

**Unit-I**

Parametric tests: Z test, t-test and F- test: Hypothesis testing: Procedure

Regression Analysis: Specification and estimation of single equation Model: Ordinary Least Squares Estimator and its properties. Standard Classical Linear regression Model( one and two explanatory variables) and its estimation.

**Unit-II**

Implications of violation of the standard assumptions. Problems of Multi-Colinearity, Auto-correlation. Heteroseedasticity and Autocorrelation diagnosis and remedial treatment. Use of Dummy variables in regression analysis. Estimation of semi-log and double log function: simple and compound rates of growth.

**Unit-III**

Basic concepts of time series analysis, stationary and unit root tests, cointegration, standard granger causality and error correction model. Random walk model with and without drift  
Statistical analysis: Analysis (Chi-square only)

**Unit-IV**

Introduction to Computer, Operating system, MS office, Data entry and analysis using MS Excel, Applications of SPSS for data entry, editing, transformation and cleaning, applications of statistical packages for Z- test , t-test, X<sup>2</sup> test. Correlation and Regression using SPSS.

**Note:**

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

**Reading List:**

- Cooper DR and Pamela S Schindler(2013): Business Research Methods, Tata McGraw-Hill/Irwin.
- Gujrati DN, Sangeetha Gunasekar and Dawn Porter(2011): Basic Econometrics, Tata McGraw-Hill/Irwin.
- Hair JF, William C Black, Barry J. Babin and Rolph E Anderson Black(2009): Multivariate Data Analysis, Prentice Hall.
- George Darren (2011): SPSS for Windows Step by Step: A simple Guide and Reference, Pearson Education, Delhi.
- Foster J Jeremy (2001), Data Analysis Using SPSS for Windows Versions 8-10: A Beginner's Guide, Sage Publishing Ltd.

**M.Phil (Economics)**

**Semester-I**

**Paper-III Selected Issues in Indian Economy**

Max. Marks:100

Time : 3 Hours

Written Exam: 80

Internal Assessment: 20

**Unit-I**

Globalization: Concept, Trends and perspectives: Impact of Globalization on Developing Countries since 1996, Asia's New Role in Global Economy.

**Unit-II**

Issues in Indian Economy: Growth Performance and Future Prospectus: Population Unemployment, inequality and Poverty.

Sectoral Issues: WTO and Indian Economy with special reference to agriculture and industry.

**Unit-III**

Financial Sector Reforms, Banking Reforms: Rural Credit, Micro Finance, Global Financial Crisis and India.

**Unit-IV**

Alternative Strategies to Develop Value Added Exports, India's foreign trade value composition and direction, EXIM Policy, Exchange Rate policy.

**Note:**

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

**Reading List:**

- Deepak Nayyar (2008): Trade and Globalization, Oxford University Press India.
- Kaushik Basu and Annemie Maertens (Ed)(2012): The New Oxford Companion to Economics in India, Oxford University Press India, New Delhi.
- Reddy Y.V. (Ed) (2009): India and the Global Financial Crisis: Managing Money and Finance Orient Black Swan, New Delhi.
- I.J. Ahluwalia and I.M.D. Litter (ed)(2012): India's Economic Reforms and Development: Essay for Manmohan Singh Second Edition, Oxford University Press India New Delhi.
- Harry Mudgoff(1992): Globalization- To what end?, Monthly Review Press

**M.Phil (Economics)**  
**Semester-II**  
**Paper-IV and V (i) The Economics of Corruption**

Max. Marks:100  
Time : 3 Hours

Written Exam: 80  
Internal Assessment: 20

Unit-I

The Concepts of Corruption. The economic impact of corruption, payments that equate supply and demand, bribes as incentive payments, bribes to reduce costs. Organized crime and corruption, corruption of high-level officials.

Reducing incentives and increasing costs: program elimination; establishing a credible privatization process; reform of public progress; competitive pressures in administration; the deterrent effect on anticorruption laws; procurement reform.

Unit-II

Reform of the civil service: ay reforms, conflicts of interest, carrots and sticks, corruption in Hierarchies: the discovery of contract.

Corruption as a cultural problem: bribes, gifts, prices and tips: the similarity of bribes and gifts patronage, gift giving and economic development.

Unit-III

Corruption as a political problem: corruption and politics-kleptocracy, bilateral monopolies and mafia-dominated states, competitive bribery;

Democracy and corruption: incentives and reforms: controlling political power: checks and balances in the legislative process, accountable implementation, federalism, independent judicial and prosecutorial institutions, openness and accountability.

Unit-IV

Achieving reform: the role of international community – controlling corruption in development projects, supporting reform, limiting corruption in international business, controlling money laundering and international criminal enterprise, new international institutions.

Note:

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

Reading List:

- Elliott, Kimberly Ann, ed. (1997), *Corruption and the Global Economy*, Institute for International Economics, Washington,DC.
- Rose-Ackerman, Susan (1999), *Corruption and Government: Causes, Consequences and Reform*, Cambridge University Press.
- Rose-Ackerman, Susan (1978), *Corruption: A study in Political Economy*, Academic Press, New York.
- Scot, James C (1972), *Comparative Political Corruption*, Prentice-Hall, Inc Englewood cliffs. N.J.

**M.Phil (Economics)**  
**Semester-II**  
**Paper-VI and V (ii) Governance Issues**

Max. Marks:100

Time : 3 Hours

Written Exam: 80

Internal Assessment: 20

Unit-I

The concept of governance: manifestations of good and poor governance: measurement and monitoring of governance: governance and corruption, Kautilya on governance.

Corporate governance, Impact of governance on Foreign Direct Investment and Aid. Corporate governance developments in India.

Unit-II

Governance and development. Steps taken in the Tenth plan period aimed at improving the quality of governance. The RTI Act 2005. Amendment in the all India VAT. The prevention of Corruption Act 1988. Central and State Vigilance Commissions. Comptroller and Auditor- General of India. Fiscal Responsibility and Budget Management (FRBM) Act.

Unit-III

Governance related issues and the XI plan. Decentralization and strengthening Panchayati Raj Institutions (PRIs). Centrally sponsored schemes. District planning, Participation and harmonizing community organization with PRIs. The National Policy on Resettlement and Rehabilitation.

Unit-IV

E-governance: national E-governance plan. ICT applications for better programme implementation. Location specific planning using Geographical Information System (GIS). National Policy on Voluntary Organizations (VOs).

Civil Service Reform, Rule of law, Constitutional and Legal framework. Democratic accountability, Regulatory framework. Consumer protection and competition policy, Judicial reforms.

**Note:**

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

**Reading List**

- Arndt, Christiane, and Oman Charles (2006): Uses and Abuses of Governance Indicators, OECD Development Centre Study, OECD, Paris.
- Kaufmann, Daniel, Aart Kraay, and Massimo Mastruzzi (2007): Governance Matters VI: Aggregate and Individual Governance Indicators for 1996-2006, Policy Research Working Paper-4280, World Bank, Washington, D.C.
- Kautilya (1992) (400 B.C.E): The Arhashastra, Penguin Classic Edition, New Delhi.
- Mallin A. Christine, etc., (2006): Handbook on International Corporate Governance, Edward Elgar, U.K.
- Planning commission (2002): Tenth five Year Plan (2002-2007), Vol . 1 chapter-6, pp. 177 to 188, Government of India, New Delhi.
- Planning commission (2008): Eleventh Five Year Plan (2007-2012) Vol.1 Chapters-10 and 11 pp 223 to 253. Government of India, New Delhi.
- UNDP (2005): Government Indicators: A Users Guide, UNDP, New York.
- World Bank (1992): Governance and Development, Washington. D.C.

**M.Phil (Economics) Optional Papers  
Semester-II  
Paper-IV and V (iii) Urban Economics**

Max. Marks:100  
Time : 3 Hours

Written Exam: 80  
Internal Assessment: 20

Unit-I

Urban governance- fiscal federalism-local public finance – provision and pricing of amenities ( public utility pricing)- property tax- municipal finances – theoretical considerations.

Unit-II

The rationalization of user charges in provision of public amenities - a detailed study of water supply sanitation – electricity – transportation in the city of Mumbai – Problems and solutions.

Unit-III

Theoretical analysis of (urban) problems – concept and measurement of urban poverty- theoretical( micro and public economics) conceptualization of environmental concerns- measurement issues and econometrics models- cost benefit analysis – public and private ( corporate and NGOs) initiatives and governmental policy.

Unit-IV

Current issues- Case study approaches ( illustrations of land use and environmental studies)

Note:

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

Reading List

- India Infrastructure Reports ( Chapters related to Urban Infrastructure)
- Bahl R and J. Linn (1992): Urban Public Finance in Developing Countries , Oxford University Press India
- Singh, K and B Taj (eds)(2000): Financing and Pricing of Urban Infrastructure, New Age International, New Delhi.
- Henderson, J.V. and J.F. Thisse (eds) (2006): Handbook of Regional and Urban Economics, Elsevier.

**M.Phil (Economics) Optional Papers**  
**Semester-II**  
**Paper-IV and V (iv) Economics of Agriculture**

Max. Marks:100

Time : 3 Hours

Written Exam: 80

Internal Assessment: 20

Unit-I

How Rural is Rural India? : Village under duress; Pre-conceptions and conceptions of villages Indian the imagined village; The Fragile Economy of the Owner-Cultivator, whither Agricultural Policy; Rural Non-farm employment; Village profiles.

Economic Policy and Agriculture: State of Agriculture in India: Agricultural policies in recent decades: Domestic policies: Minimum Support Prices and Maintenance of Food Stocks, Subsidies on Inputs, Credit and Investment Policies: External policies, Scenario in the Post-Liberlisation Phase.

Unit-II

Agriculture and Poverty Reduction; Trends in poverty; Issues and Literature, Profile of Poverty; Regional concentration; Poverty by Social Group, Activity Type, Effect of land size, Effect of irrigation. Channels (factors influencing movement of poverty)

Agriculture and food security; Trends in Food Security, Food security at the national level; trends in food demand; future projection of food demand and supply; role of modern technology and research, impact of globalization. Food Nutrition Security at the house hold level, at the individual level. Role of agriculture; Agriculture and National level food security. Agriculture and hyousehold food security. Policy impact on food security.

Unit-III

Agriculture and Environment: Environ impacts of Indian Agriculture; system classification in Indian Agriculture, Agro-Ecosystems and Production system classification of NCAP ( National Centre for Agricultural Economics and Policy Research). Agro eco-systems and their characterstics. Linkage between agriculture and the environment. Agriculture Sustainability.

Unit-IV

Rural Urban Migration: Agriculture and Crisis Management: Rational and Background. Choice of Shocks and crisis for buffer role. Migration in stress and buffer in crisis.

Changing Agrarian System and Rural Urban Linkages: changing employment structure in Rural India: Implications for social viability. Non-farm Employment Economics Growth, Poverty and Urbanization: Pattern of Interdependencies across states: Migration, inequality and spatial balance of population.

Note:

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

Reading List

- Ray Shovan(2009): Handbook of Agriculture in India, Oxford University press, New Delhi.
- Gulati. A and S Narayanan(2003): The subsidy syndrome of Indian Agriculture, Oxford University Press, New Delhi
- Ahluwalia I.J. and IMD little (eds) (1998): India's Economic Reforms and Development, Oxford University Press.
- Acharya, S.S. and D.P. chaudhari (eds)(2002): Indian Agricultural Policy- At the Cross Roads, Rawat Publications, 2001.
- Mellor, J.W and G.M Desai (eds)(1986): Agricultural Change and Rural Poverty, Oxford University press, Delhi
- Ahluwalia D(1993): Public Distribution of Food in India: Coverage, Targeting and Leagues' Food Policy, February, Vol 18 NO. 2.



**M.Phil (Economics) Optional Papers**  
**Semester-II**  
**Paper-IV and V (v) Haryana Economy**

Max. Marks:100

Time : 3 Hours

Written Exam: 80

Internal Assessment: 20

Unit-I

Occupational and Sectoral Structure: Poverty: Natural, Human and Fiscal Resources: Inter District Variations:

Haryana in National Perspective

Critical Issues and Newly Emerging Areas

Unit-II

Agriculture and Rural Development: Land use pattern: Land holdings: Trends in agricultural production, net sown and cropped area, average yield, use of fertilizers, procurement: Agricultural costs and prices: irrigation: agricultural credit:

Development Programmes: RKVY, NFSM, NAIS, SGSY, MANREGA, MPMGSY, LAY, NSAP, NRHM, ICDS, ARWSP, CRSP-TSC, NHM, AIBP.

Unit-III

Industrial Development: pattern, Performances, Constraints: Industrial Labour Disputes: Industrial Policy.

Urban Development Programmes: JLNNURM, UIDSSMT and IHSDP.

Unit-IV

Finance: Sources of Revenue and Heads of Expenditure: Capital Receipts and Capital Expenditure: Deficits/Surpluses: Liabilities: Interest Payments: Fiscal Indicators.

Infrastructure: Status of Power Sector: National Electricity Policy: Rural Electrification Policy: Haryana Electricity Regulatory commission: Performance of HPGCL, HVPNL, UHBVNL and DHBVNL and problems and Challenges: RGGVY:ADRP.

Road Transport:

E-Governance

Education: Primary, Secondary, Higher and Technical

Note:

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

Reading List

- Planning Commission (2009): Haryana Development Report, Govt of India, New Delhi
- Planning Commission (2011): Mid-term appraisal of the 11<sup>th</sup> plan of Haryana-Monitorable Indicators, Govt of India, New Delhi.
- Planning commission (2011): Mid-Term Appraisal of the 11<sup>th</sup> Plan of Haryana-Performance of Flagship Programmes, Govt of India, New Delhi.

**M.Phil (Economics) Optional Papers**  
**Semester-II**  
**Paper-IV and V (vi) Gender Economics**

Max. Marks:100

Time : 3 Hours

Written Exam: 80

Internal Assessment: 20

Unit-I

Importance and Concept of Gender Studies: Theories of Exploitation and oppression – status of women in India. Determinants of Decision making power, Women and property.

Unit-II

Gender and Development

Patriarchy and Development- Engendering Development theories - Approaches to women's Development, Indicators of Development – Gender Development Index and Gender Empowerment Measure – Factors affecting Sex Ratio, Implications of Declining Sex-ratio with special reference to India.

Unit-III

Gender Discrimination in India

Gender Discrimination in Labour Force Participation – Occupational Segregation and wage differentials w.r.t., Gender Education, Skills and trends in wage differentials across regions.

Unit-IV

Nature and Impact of Technological Development, Industrialization and Modernization in Women's Work, Women and Globalization, Gender Budgeting and Women.

Note:

The question paper shall have four units. Each unit will contain two questions and the students shall be asked to attempt one question from each unit.

Reading List

- Gita Sen and Canen Crown(1987): Development Crises and Alternative Vision, Earthscan Ltd. London
- Neera Desai and Maithreyi Krishnaraj(1987): Women and Society, Ajanta Publications
- Lourdes Beneria and Savithri Biswanath(2001): Gender and Development: Theoretical Empirical and Practical Approaches, Edward Elgar Publishing.
- Lekha Chakborthi(2009): Invisibility of Women's Work in Budgeting Policies, Labour File, Journal of Labour and Economic Affairs,
- Ashok Lahiri, Lekha S Chakroborty and PN Bhattacharya(2003): Gender Budgeting in India, NIPFP, New Delhi
- Aggarwal Bina (1994): A Field of One's Own, Gender and Land Rights in South Asia Cambridge University Press, Cambridge
- Boserup, Esther (1978): Women's Role in Economic Development, George Allen and Unwin Limited, London.
- Barkers, Drucilla and E. Kuiper(eds) (2004): Toward a Feminist Philosophy of Economic, routledge.
- Blaw D Fancine. M.A. Ferber and AE Winkler (2001): The Economics of Men, Women and Work Person.
- Beckers Gary (1993): A Treatise on the Family, Harward University press.
- Haq. Mahabub U Development Centre (2000): Human Development in South Asia 2000 A Gender Question, Oxford University Press.
- Krishnaraj, Maithreyi (1988): Women and Development: The Indian Experience, SNDTU, Mumbai.
- Loutfi, Martha Fetherolf (ed) (2001): Women, Gender and Work, ILO, Delhi
- Alexander, P and S Baden (2000): Glossary on Macroeconomics from a Gender Perspective, University of Sussex Brighton.
- World Bank (1995): Special issue on Gender, Adjustment and Macroeconomic Policies World Development vol. 23 No. 11)
- Saradamani K (ed) (1992): Finding the House hold- Conceptual and Methodological Issues, Sage Publications, London.

- Smith, Sittirak (1998): *The Daughters of Development – Women in Changing Environment*, Zed Books, London and New York.
- Tinker Irene (1990): *Persistent Inequalities*, Oxford University Press, Oxford.
- Jacobsen J.P. (1998): *Economics of Gender*, Blackwell.
- Kabeer, Naila (1994): *Reversed Realities Gender Hierarchies in Development thought* Kaji.
- Kuiper E. Et. Al (eds) (1998): *Out of the margin*, Routledge.
- Olson P and Z Emani (2002): *Engendering Economics* Routledge.
- Ott Nothurga (1992): *Intra Family Bargaining and Household Decisions* Springer.
- Peterson, J and M. Lewis (eds) (2001): *The Elgar Companion Feminist Economics* Edward Eiger.
- Budlender D., D. Elso Guy Hewitt and T Mukhopadhyay (2002): *Gender Budget Make Cents*, Common wealth Secretariat, London.
- Everts, Saskia (2001): *Gender and Technology: Empowering Women, Engendering Development*, University of Amsterdam.