

**SYLLABUS FOR UNIVERSITY TEACHING DEPARTMENT AND  
AFFILIATED COLLEGES IN M. PHIL. CLASSES**

**M. Phil. in Economics: Allotment of Marks  
Session: 2018-19**

Paper	Title	Marks
First	Advanced Economic Theory	100
Second	Research Methodology	100
Third	Indian Economy	100
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Seminar	Based on Theory	50
Dissertation	Seminar: Based on Dissertation	50
Dissertation	Script Writing	75
Dissertation	Viva- voce	25
---	<b>Total Marks (B)</b>	<b>200</b>
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**PAPER- I**

**ADVANCED ECONOMIC THEORY**

- Unit- I** Adam Smith- Founder of Classical Institution, Father of Economics, Wealth of Nations, Leading theme- Economic development, Division of labour, Productive and unproductive, Theory of labour, Theories of distribution, Capital accumulation, GNP, NNP and banking, An optimum investment pattern, Taxation policy, Laissez faire doctrine and role of Government, Taxation Policy, Adam Smith's growth model.
- Unit- II** David Ricardo-The Principles of Political Economy and Taxation, Income distribution- Rent, Wages and Profits, Theory of value, Foreign trade-Comparative Cost Theory, Capital accumulation, Main sources of economic development, Taxation policy, Growth model of Ricardo: Critical evaluation. Karl Marx- Father of Socialism, Materialistic interpretation of history, Theory of surplus value, Capital accumulation, Development in Capitalistic Economy, Reserve army, Crisis in Capitalism, Growth model of Karl Marx and critical evaluation.
- Unit- III** Marshallian Analysis- The neo-classical demand analysis, The indifference curve theory, The modern utility analysis of choices involving risk and uncertainty, Revealed Preference Theory, Demand Theory of Logical Ordering, Production function, Returns to a factor, Return to scale, Cobb-Douglas Production Function, CES production function, CES v/s CD.
- Unit- IV** Representative firm, Quasi rent, Critical evaluation of neo-classical economy, Behavioral and managerial theories of the firms, Equilibrium of the firm, Behavioral theory of cyret and Marsh, Mark Williamson's managerial discretion theory, Boumal's sales maximization model, Game theory and price determination, Linear Programming.
- Unit- V** Welfare Economics: Pigou's Welfare Economics, New Welfare Economics, Paretian optimum theory, Maximization of Social Welfare- Bergson- Arrow's Impossibility theorem, Prof. Amartya Sen and his contribution to World Economy.

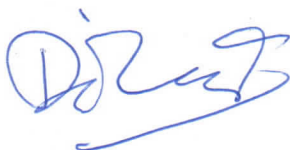



**PAPER – II**  
**RESEARCH METHODOLOGY**

- Unit- I** Research: Meaning and objectives of research, Types of research : Qualitative v/s quantitative research, Census v/s sample research, Descriptive v/s scientific research, Open v/s confidential research, Original v/s repetitive research , Motivation in research, Research methodology and research methods, Main stages of statistical research, Data: Meaning and types of data, Primary and secondary data: Meaning, methods of collecting primary data and sources of secondary data, Observation method and interview method, Precautions while constructing questionnaire/ schedule, Editing of primary data.
- Unit- II** Sampling design: Meaning and steps in sampling design, Criteria of selecting a sampling procedure, Characteristics of a good sample design, Different types of sample design: Non-probability sampling and probability sampling, Different methods of random sampling, Sample size and its determination, Parameter and statistic, Sampling frame, Sampling and Non- sampling errors, how to judge the reliability of samples ?
- Unit- III** Research design: Meaning of research design, Need for research design, Important concepts relating to research design, Different research designs: Research design in case of exploratory research studies, research design in case of descriptive and diagnostic research studies and research design in case of hypothesis testing research studies, Processing of data : Processing operations: Editing, coding , classification and tabulation, Some problems in processing.
- Unit- IV** Hypothesis : meaning and types of hypothesis, Characteristics of hypothesis, Basic concepts concerning testing of hypothesis, Procedure for hypothesis testing, Test of significance : Students' 't' test, Chi-square test, F ratio test and Fisher's Z test, Test of significance of correlation coefficient, practical problems related to T test, Chi square test, F-ratio test and Fisher's Z test.
- Unit- V** Computer : What is ' Computer',? Different parts of a computer : Hardware and software, Types of computer, main characteristics of a computer, role of computer in economic research, INTERNET: elementary knowledge.

**Reference:-**

1. Kothari, C.R. and Gourav Garg, 'Research Methodology: Methods and Techniques', New Age International Publishers, New Delhi, 3<sup>rd</sup> Edition, 2014.
2. Sharma, Ramnath, 'Methods and Techniques of Social Survey and Research, A Rajhans Publication.
3. Bajpai, S. R., 'Methods of Social Survey and Research' Kitab Ghar, Kanpur-3
4. मुखर्जी, रविन्द्रनाथ, सामाजिक शोध एवं सांख्यिकी, विवेक प्रकाशन, जवाहर नगर, दिल्ली – 7
5. शुक्ला एवं सहाय, सांख्यिकीय, साहित्य भवन पब्लिकशंस, आगरा.



**PAPER- III**  
**INDIAN ECONOMY**

- Unit- I** Indian Plans- Strategies of Plans, Planning in India, Models of Development- Nehru v/s Gandhiji, Rao-Manmohan model of development, Industries- Industrial pattern and Plans, Large and small scale industries, iron and steel industries, Cotton and synthetic textile industries, Jute, Sugar and Cement industries. Role of small scale industries in India, Sickness in Indian industries, Labour problems in Indian industries, National wage policy, National income in India.
- Unit- II** Agriculture- Agricultural productivity: Trends and cropping pattern in India, Food security in India, Irrigation and agricultural inputs, Land reforms, Rural credit and marketing, Agricultural taxation in India, Agricultural policy, Farm management, Infrastructural, structure and economic development in India. Transport system in India's economic development, Rail-road condition, Urban infrastructure, Private investment in infrastructure- outlook and prospects.
- Unit- III** Human resources- Human resources and economic development in India, Demographic transition in India, Growth rate of Population in India, Urbanization and economic development, Population policy, Poverty in India, Unemployment in India, Occupational structure and economic development, Human development in India, Education and health in India.
- Unit- IV** Monetary management in India- Role and functions of Reserve Bank in India, Working of Indian monetary system, Inflation-monetary policy in India, Price policy in India, Indian Public Finance- Central Government Budget, Financial relation between Centre and States, Taxation in India, Finance Commission, Foreign trade in India, India's balance of payment, W.T.O. and India's foreign trade, Export and import bank.
- Unit- V** Environment- Natural resources in the process of economic development, Land resources, Forest resources and Water resources, Power section Renewable resources, Energy efficiency, Energy taxation, Energy policy and Planning in India, Environment and development, Pollution control- Strategies, plans and policies.

