



## **Andhra Kesari University :: Ongole-523001**

### **Department of Economics**

#### **Pre-Ph.D. Part-I Course Structure**

<b>Papers</b>	<b>Paper Code</b>	<b>Title of the Paper</b>	<b>Marks</b>	<b>Credits</b>
Paper-I	EC 1.0	Research Methodology	100	4
Paper-II	EC 2.0	Advanced Economic Theory	100	4
Paper-III	EC 3.0	Selected Readings in Indian Economy	100	4
Paper-IV	EC 4.0	Seminar	100	2

A candidate to have passed if he/she gets a minimum of 40% marks in each paper and 50% aggregate in one attempt. Paper wise pass (supplementary) candidates should get a minimum of 50 marks in each paper.



# **ANDHRA KESARI UNIVERSITY**

## **Department of Economics**

### **Pre-Ph.D. Part-I Examination in Economics**

#### **Paper-I- (EC 1.0) RESEARCH METHODOLOGY**

#### **Revised Syllabus for Pre-Ph.D.**

**Time: 3 Hrs.**

**Model Question Paper**

**Max. Marks:100**

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Answer Any Five Questions

All questions carry equal marks

**Max. Marks: 5×20 = 100**

1. Explain the types of research methods vs. methodology?
2. Discuss about the Sampling Methods and Design of Experiments?
3. Examine the Parametric and Non-Parametric Test?
4. Analyse the Multiple Regression, and Factor Analysis?
5. Explain the general format of Linear Programming Problem?
6. Discuss about input output Method Applications in Economics?
7. Critically examine the role NSSO?
8. Analysis of Hardware & Software – Input output devices?
9. Evaluate the Statistical package for social science (SPSS)?
10. Discuss the Different Steps in Writing Report?



# **ANDHRA KESARI UNIVERSITY**

## **Department of Economics**

### **Pre-Ph.D. Part-I Examination in Economics**

#### **Paper-II- (EC 2.0) ADVANCED ECONOMIC THEORY**

#### **Revised Syllabus for Pre-Ph.D.**

**Time: 3 Hrs.**

**Model Question Paper**

**Max. Marks:100**

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Answer Any Five Questions

All questions carry equal marks

**Max. Marks: 5×20 = 100**

1. Explain the Baines limit pricing theory?
2. Discuss the Short run and long run Philips Curve?
3. Discus about the centre-state financial relations in India?
4. Analyse the balance of payments situation since 1991?
5. Examine the Harrod-domar Growth model?
6. Critically explain the Big Push theory?
7. Examine the recent social inclusive growth programmes in India?
8. Discuss the problems of Indian labour market in India?
9. Explain the Environmental protection and sustainable development?
10. Explain the environment policy in India?



# **ANDHRA KESARI UNIVERSITY**

## **Department of Economics**

### **Pre-Ph.D. Part-I Examination in Economics**

#### **Paper-III- (EC 3.0) SELECTED READINGS IN INDIAN EXONOMY**

#### **Revised Syllabus for Pre-Ph.D.**

**Time: 3 Hrs.**

**Model Question Paper**

**Max. Marks:100**

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Answer Any Five Questions

All questions carry equal marks

**Max. Marks: 5×20 = 100**

1. Explain causes of the rapid Growth of population in India?
2. Discuss about the new education policy in India?
3. Analyse the Growth and contribution of services sector in India?
4. Explain the incidence of poverty and multi Dimensional poverty in India?
5. Discus the Role of agriculture in Indian economy?
6. Explain the agricultural price policy in India?
7. Critically evaluate the Dis-investment policy in India?
8. Discuss the globalization it's impact on Indian economy?
9. Briefly explain structure and role of capital Market in India?
10. Assess the impact of Economic reforms in India since 1991?



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**SYLLABUS**

**Paper-I: (EC 1.0) RESEARCH METHODOLOGY**

1. **INTRODUCTION:** Meaning of Research - Objectives of Research - Motivation in Research -Types of Research - Research Approaches - Significance of Research - Research Methods versus Methodology - Research and Scientific Method - Research Process - Criteria of Good Research
2. **SAMPLING AND DESIGNS:-** Sampling Methods and Design of Experiments – ANOVA.
3. **TESTING OF HYPOTHESES:-** Tests of Significance (t, f, and Chi – square test) – Parametric and Non – Parametric Test.
4. **MULTI VARIATE ANALYSIS:** - Multiple Regression – Logit Regression – Factor Analysis – Discriminate Analysis.
5. **BASIC IDEAS IN LINEAR PROGRAMMING:-** The general format of Linear Programming Problem – Feasible Set – Basic Feasible Solution (BSF) – Optimal Solution – Duality – Graphic Solution – Simplex Method – Applications in Economics.
6. **ELEMENTS OF INPUT – OUTPUT ANALYSIS:-** Input – output Models – Static and Dynamic Input – Output System – Solution of Simple Models – Applications in Economics.
7. **DATA BASE OF THE INDIAN ECONOMY:-** Source of important official statistics – National Income Statistics – NSSO – Population Census – Agricultural and Industrial Statistics – Other Sectoral Statistics.
8. **BASIC COMPUTER APPLICATIONS:-** Hardware & Software – Input output devices – Operating Systems – Computer Languages – Computer Generation and Classification.
9. **SOFT – WARE PACKAGES:-** MS office– SPSS – Internet applications.

**10. INTERPRETATION AND REPORT WRITING:-** Meaning of Interpretation  
- Significance of Report Writing - Different Steps in Writing Report -  
Layout of the Research Report - Types of Reports Oral Presentation  
Mechanics of Writing a Research Report - Precautions for Writing  
Research Reports - Conclusions .

Basic Reading List:

1. Kothari, C.R., "Research Methodology, Methodology and Techniques", Whely Easteen Ltd., 1985
2. Baily Kenneth D., Methods of Social Research, New York, 1978.
3. Fisher, R.A., Statistical Methods for Research Workers, 13<sup>th</sup> ed., New York, Haner Publishing Co., 1958.
4. Goode, William J and Hall, Paul, K, Methods in Social Research, New York, Mc Graw Hill, 1952.
5. Sharma, B.A.V.,et.al., 'Research Methods in Social Sciences', New Delhi, Staling Publishers Pvt. Ltd., 1983.
6. CT Curien (Ed.), Guide to Research in Economics, Sangam Publishers, Madras, 1973.
7. SC Sankarayanarayan, "Hypotheses & theory", IEJ, 38 (4), 1991.
8. Nagar & R.K. Das (1993), Basic Statistics, Oxford University Press, New Delhi.
9. Geon M., M.K. Gupta and B. Dasgupta (1993), Fundamentals of Statistics, Vol.1, The World Press Ltd., Calcutta.
10. Kogg, R.V. and A.T. Craig (1970), Introduction to Mathematical Statistics (3<sup>rd</sup> Edition), Macmillan Publishing Co., New York.
11. D.C. Sancheti & Y.K. Kapoor – Statistics, Theory and Methods and applications.
12. S.C. Gupta & V.K. Kapoor – Fundamentals of Applied Statistics.
13. Goode, W.J. and Hatt, P.K.- Methods in Social Research.
14. M.H. Gopal – Research Methods in Social Sciences.
15. J. Johnston – Econometric Methods.
16. Freund – Modern Elementary Statistics.
17. F. Yates – Sampling Methods for Census and Surveys.
18. S.C. Gupta and V.K. Kapoor – Fundamentals of Applied Statistics, S. Chand & Sons, 2003.
19. Schroeder, Larry, D. Sjouquist, David L Stephan, Pualae, "Under Standing Regression Analysis: and introductory Guide", New Delhi, SAGE Publications, 1992.
20. Demaris, Alfred, "Logit Modeling: Practical Applications", New Delhi, SAGE Publications, 1992.



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**SYLLABUS**

**Paper-II: (EC 2.0) ADVANCED ECONOMIC THEORY**

**1. ADVANCED TOPICS IN MICRO ECONOMICS:-**

The scope of Economic theory and Basic Economic Problems- Methods of Economics Analysis- Static and Dynamic Analysis- Revealed preference theory- Williamson's model of managerial discretion-Baines limit pricing theory.

**2. ADVANCED TOPICS IN MACRO ECONOMICS:-**

New Keynesian Economics. Cost-push and demand pull inflations - Philips curve. analysis – Short run and long run Philips Curve; The natural rate of unemployment hypothesis.

**3. RECENT DEVELOPMENTS IN PUBLIC FINANCE :-**

The Indian tax structure-public expenditure in India- trends and issues-public debt in India- India's fiscal policy- federal finance India- centre-state financial relations.

**4. INDIA'S FOREIGN TRADE AND BALANCE OF PAYMENTS:-**

Balance of payments- India's balance of payment-the pre 1991 period- balance of payments situation since 1991-the management of balance of payment –challenges and outlook.

**5. THE NEW GROWTH THEORIES :-**

Economic Growth: Harrod-domar model, instability of equilibrium, Neoclassical growth- Solo's model, steady state growth, Mrs Joan Robinson's growth model; Growth model of Kaldor.

**6. ECONOMIC DEVELOPMENT MODELS:-**

Balanced growth, Critical Minimum Effort, Big Push; Unlimited supply of Labour, Unbalanced growth; Low income equilibrium trap.

**7. INCLUSIVE GROWTH STRATEGIES:-**

Social exclusion and Inclusive growth- Eleventh plan and social sector reforms –rural energy programme and NREGS.

## **8. LABOUR MARKETS ISSUES IN INDIA:-**

Labour market-structure of the labour market-role of labour market in India's –growth of labour market in India-problems of Indian labour market.

## **9. ECONOMICS OF NATURAL RESOURCE MANAGEMENT AND SUSTAINABLE DEVELOPMENT**

Environmental protection and sustainable development-growth and Environmental degradation-environment policy in India-the global Concerns.

## **REFERENCES**

1. Debraj Ray, "Development Economics", oxford university press, 2012.
2. K.N.VERMA "Micro economic theory", Vishal Publishing Company, New Delhi. 2022
3. KC Rana & K N Verma "International Economics", Vishal Publishing Company, New Delhi. 2022
4. KC Rana & K N Verma "Macro Economics", Vishal Publishing Company, New Delhi. 2022
5. Mishra and Puri, "Indian Economy" Himalaya publishing house. New Delhi. 2021.
6. Mankiw Gregory N, "Principles of Micro Economics", Fourth Edition, Thomson South – Western Edition, 2007.
7. Edward Shapiro, "Macro Economic Analysis", Fifth Edition, Galgotia Publications(p) ltd., 2008
8. Ishwar C. Dhingra, "Indian Economy", S. Chand & Company Ltd., 2020.
9. Debraj Ray, "Development Economics", Macmillian, 2020.
10. Dutt and Sundaram, "Indian Economy" 2021.
11. Mishra and Puri, "Indian Economy" 2021.
12. Pratiyogita Darpan, "Indian Economy" 2021-2022.
13. Planning Commission – Eleventh Plan 2017.





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**Pre.Ph.D. Part-I Examination in Economics**

**SYLLABUS**

**Paper-III: (EC 3.0) SELECTED READINGS IN INDIAN ECONOMY**

**1. POPULATION GROWTH AND ECONOMIC DEVELOPMENT IN INDIA:-**

The three stages of Demographic transition-India's Population size and growth trends-India's population the future-causes of the rapid Growth of population-population and economic development-Remedies for population explosion-population policy

**2. HUMAN RESOURCE DEVELOPMENT-EDUCATION AND HEALTH:-**

Importance of human resource development –education in India and development of human resources- education policy in India-Health policy –national health policy-national health protection Scheme

**3. SERVICE SECTOR IN INDIAN ECONOMY:-**

Growth and contribution of service sector in India – what explained rapid services growth-reasons for rapid growth in services-share of service in employment- information and communication technology –India's IT & ITES Industry

**4. POVERTY IN INDIA- POVERTY TRENDS IN INDIA:-**

The concept of poverty line-incidence of poverty in India-multi Dimensional poverty-safety nets for poor- poverty Alleviation Programmes- strategy of poverty alleviations.

**5. INDIA'S AGRICULTURE:-**

Role of agriculture in Indian economy-nature of India's agriculture-cropping pattern in India-trends in agricultural production and productivity- agricultural subsidies -the problem of food security- need for agricultural prices policy- agricultural price policy in India.

## **6. INDUSTRIAL-DEVELOPMENT-PRIVATIZATION-DIS INVESTMENT IN INDIA:-**

Meaning and rationale of privatization-methods of privatization-Evolution of privatization policy in India- proceeds from Dis-Investment methodologies-a critique privatization and Dis-Investment

## **7. GLOBALIZATION IT'S IMPACT ON INDIAN ECONOMY:-**

Meaning of globalization-globalization of India- steps towards globalization-effects of globalization-

## **8. CAPITAL MARKETS IN INDIA:-**

Capital market-structure of the capital market-role of capital Market in India's -growth of capital market in India-problems of Indian capital market.

## **9. ECONOMIC REFORMS AND LIBERALIZATION :-**

The origin of economic crisis in the early 1990's- economic reforms in India-macro-economic stabilization-structural reforms-An Appraisal of economic reforms.

## **REFERENCES**

1. Debraj Ray, "Development Economics", oxford university press, 2012.
2. K.N.VERMA "Micro economic theory", Vishal Publishing Company, New Delhi. 2022
3. KC Rana & K N Verma "International Economics", Vishal Publishing Company, New Delhi. 2022
4. KC Rana & K N Verma "Macro Economics", Vishal Publishing Company, New Delhi. 2022
5. Mishra and Puri, "Indian Economy" Himalaya publishing house. New Delhi. 2021.
6. Mankiw Gregory N, "Principles of Micro Economics", Fourth Edition, Thomson South – Western Edition, 2007.
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9. Debraj Ray, "Development Economics", Macmillan, 2020.
10. Dutt and Sundaram, "Indian Economy" 2021.
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12. Pratiyogita Darpan, "Indian Economy" 2021-2022.
13. Planning Commission – Eleventh Plan 2017.