

# **ORDINANCE, REGULATION & SYLLABUS**

**For**

## **M.A. [ECONOMICS]**



***Offered by***

**NEHRU GRAM BHARATI**

**(DEEMED TO BE UNIVERSITY),**

**KOTWA-JAMUNIPUR-DUBAWAL**

**PRAYAGRAJ-221505**

**UTTAR PRADESH**

**Session:**

**From 2019 – 2020**

## **PREAMBLE**

In the era of globalization the study of Economics has gained importance because of sustained interest of the developing countries in uplifting their economic condition by restructuring their economics to greater diversity, efficiency and equity in consonance with their priorities. Accordingly, syllabus has been revised in view to understand recent trends in economics and interdisciplinary and skill development subjects along with the introduction of semester and choice based credit system in P.G. classes.

Aims and objectives mention along with each and every papers.

बैठक दि. 21.05.2019

Date

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पत्रांक संख्या R-032 दिनांक 15.05.19 के सन्दर्भ में, आज दिनांक 21.05.2019 को वाणिज्य संकाय के अन्तर्गत नेहरू ग्राम भारती (मानित विश्वविद्यालय) के अध्यक्षों द्वारा शा. के अनुपालन में गठित उन्मुखी शास्त्र विषय की अध्ययन परिषद की बैठक पूर्वदिन 11.00 बजे जमुनीपुर परिसर स्थित निदेशक कार्यालय में सम्पन्न हुयी। जिसमें स्नातकोत्तर स्तर पर सेमेस्टर वार Choice Based Credit System (CBCS) पाठ्यक्रम को विचार-विमर्श के उपरान्त अनुमोदित किया गया। इसमें निम्नांकित सदस्यगण उपस्थित रहे।

- 1- Prof. U.S. Rai, Dean, Faculty of Commerce
2. Dr. S. K. Singh, HOD, Department of Economics
3. Dr. Balendra Sukla Assistant Professor.
4. Prof. Prahlad Kumar ABSENT  
DepH. of Economics A.U. Prayagraj
5. Prof. S. K. Chaturvedi  
21.5.19  
DepH. of Economics A.U. Prayagraj

वीरगंज जिला 29-05-2019

पुलिस लेबर MAB(DU)-II/AC-2/1919 के निर्देशों के अंतर्गत दिनांक 29-05-2019 को वाणिज्य विभाग परिषद की वीरगंज वाणिज्य विभाग में सुबह 10:30 बजे सभ्यता हुई। जिसमें डायरेक्टर विभाग के अध्यक्ष परिषद की सदस्यता तथा वाणिज्य विभाग के डायरेक्टर परिषद की सदस्यता पर विचार-परामर्श आयोजित किया गया। जिसमें निम्नलिखित कार्यवाही उपस्थित थे।

- 1- श्री श्री श्री श्री (सदस्यता वाणिज्य विभाग) 29-5-19
- 2- श्री श्री श्री श्री (विभागाध्यक्ष वाणिज्य विभाग) 29-5-19
- 3- श्री श्री श्री श्री (सदस्यता - वाणिज्य विभाग) 29-5-19
- 4- श्री श्री श्री श्री (विभागाध्यक्ष ~~विभाग~~) 29/5/19
- 5- श्री श्री श्री श्री (सदस्यता ~~विभाग~~)
- 6- श्री श्री श्री श्री (सदस्यता वाणिज्य विभाग) - 29/5/19
- 7- श्री श्री श्री श्री (सदस्यता वाणिज्य विभाग) Vikas 29/05/2019
- 8- श्री श्री श्री श्री (विभागाध्यक्ष ~~विभाग~~)
- 9- श्री श्री श्री श्री (सदस्यता वाणिज्य विभाग) 29/5/19

## **POST GRADUATE -PROGRAMME**

### **ORDINANCES AND REGULATION FOR ALL POST GRADUATE - PROGRAMMES**

#### **A. ORDINANCE**

##### **1. The Degree of Master of Arts/Science/Social Science/Commerce/Law/Teacher's Education**

The Nehru Gram Bharati (Deemed to University) may confer the Degree of Master's Programme on Such candidates who, being eligible for admission to the Post Graduate Degree Programme, have received regular instruction in the prescribed course of study, passed successfully relevant examinations and being otherwise suitable by virtue of their character, have fulfilled such other condition as may be laid down from time to time by the appropriate authorities.

##### **2. The Curriculum and Duration Of Studies**

- A.** (i) The Curriculum of study of the Master Degree shall comprise of courses set out in Annexure B.  
(ii) The Departmental Committee shall prescribe the detailed content of various of study, if required before the beginning of each session. The Departmental Committee can make changes in the optional papers/subjects, subjects to the availability of teaching facility/ faculty.
- B.** The curriculum of study for the Master Degree shall be spread over four Semesters having 80 credits (each semester of 20 credits).

##### **3. Requirement for Admission**

###### **A. Registration:**

###### **Registration**

- (i) Candidates of Master Degree shall first be admitted to the first semester upon the reopening of the University after summer vacation every year.

###### **(ii)Subsequent Registration**

A candidate, who fails to clear a regular course of study during any of the second, third and fourth semesters may be registered in the appropriate term of any subsequent year to the semester concerned but within such time as enables him, to complete the study of all semester comprising Master Degree Programme within a maximum period of four years from the date of his/her registration for the first semester.

###### **B. Minimum Qualification For Admission**

- (i) Admission to the Master Degree Programme of study shall be open to those candidates who have passed the 3 Year Graduate Degree Examination of this University or such examination of any other University or Institution after Graduation under 10+2+3 pattern as recognized by the University. Admission shall be made according to merit subject to the fulfillment of eligibility requirement as determined by the University and availability of seats in the Master courses.

###### **C. Conditions of Admission:**

- (i) No application for registration to the First Semester shall be entertained unless it is accompanied by:

- (a) A duly migration of scholastic record of the candidate, commencing from the graduation or equivalent examination.
  - (b) Original migration of a candidate who has been a regular student in any Institution at any time prior to making application for registration in the Faculty.
  - (c) Original migration certificate if the candidate is not enrolled in this University or if enrolled, his enrollment has been cancelled. Provided that if a candidate is unable to produce any of the documents other than the marks-sheet of the graduate examination at the time of seeking admission in the concerned Faculty before admission committee, he shall undertake to submit them within one month or within such further period as the University authorities may prescribed; and the admission, if any of such candidate shall until the submission of the aforesaid documents, be deemed to be provisional.
- (ii) Candidate shall give also a written undertaking to the effect that:
- (a) He/She shall exclusively devote his/her time to the study of courses prescribed for Master Degree and in particular he/she shall not offer any other course leading to a degree of any description whatsoever, nor shall he/she undertake any remunerative work, though with the prior permission of the Faculty, he/she may join certificate of or diploma courses in any foreign language.
  - (b) He/She shall abide by the provision of NGB (DU) Act, Statutes, Ordinances, Regulations and Rules that are framed or may be framed there under and the orders of Officers and authorities of the University and the concerned Faculty from time to time.

#### **4. Fees**

The students pursuing Master Degree Programme of study shall have to pay fee as may be prescribed by the University from time to time.

5. The course of study, scheme of examination, result and promotion are covered in the regulation, and are given below.

#### **REGULATIONS**

1. Master Degree Programme has been divided in four semesters in two years, this is a full time course study. The odd semester would run between July to December and even semester between January to June. Two consecutive (one odd + one even) semester constitute one academic year.
2. There will be 24 papers /courses in all in the whole programme. Besides, there would also be one course on **Dissertation and Viva-Voce**.
3. The course has 4 components: Core courses, Elective course, Skill Development and Inter-disciplinary course.
4. Each Core course has equal weightage. Each core course will have 100 marks or 4 credits. Elective and Inter-disciplinary course will have 3 credits, whereas Skill Developments course will have 2 credits.

5. The core courses are compulsory to all students in all four semesters. The fourth (Elective course) paper and fifth (Skill Development course) paper will be opted by the students of same Department. However, the sixth (Inter-disciplinary course / University elective course) paper of each semester will be opted by the students of other Departments only.
6. In the beginning of the Semester III, the Department would announce the available specialization group/ course in the Elective Group to the students for the current session. The choice of elective group/course in the semester will be limited to those announced by the Department. Because of infrastructural and Faculty limitations, the Department may put a cap on the number of students in an elective group/course.
7. Each semester shall have minimum 90 teaching days, exclusion of holidays, admission and examinations.

### **SCHEME OF EXAMINATION**

1. The evaluation scheme of examination consists of two parts: Internal Assessment (IA), Mid Semester Exam (MSE) and End Semester Examination (ESE). Internal assessment includes Assignments, Presentations, Seminars, Quizzes, Case studies, Viva, Unit test, Group activities /Discussion, etc. The internal assessment will contribute 40% and the Semester and examination will contribute 60% to the total marks. This shall apply to both types of examination system i.e., Semester- wise and Choice based credit system (CBCS) based examination.

**\*\*Note:** The ratio of internal assessment and semester and examination will be the same as determined by the University.

2. There shall be continuous assessment of the student in each course. The course instructor shall hold a maximum of three and minimum of one internal test /assignment /presentation, etc. The distribution of marks in Internal assessment will be in two parts; 20% (Mid Sem. Exam) and 20% (Assignments/Presentations/Group Discussion etc.)
3. In case of semester examination, there shall be no binding on the number of external paper setters/examiners, though in case of CBCS//CBSS system, generally the course instructor shall be the paper setter and examiner. However, the Core courses comprising “**Dissertation and Viva-Voce** “ and “**Project Work and Viva-Voce**” respectively will be evaluated / examined by Board/s consisting of one external examiner and one internal examiner who shall be the Chairman of the Board. The Dissertation / Project Work and Viva-Voce shall equal weightage and would be judged separately. The remuneration for these courses would be at par with such courses been run in other Department of the University.
4. The duration of the End Semester Examination (ESE) of each course will be 3/2 Hours.

# M.A.[ECONOMICS]

## COURSE STRUCTURE AND SYLLABUS

**The Programme:** It is a regular full time 4 Semester Master Degree Programme in Economics. Redesigned and updated the regulations on Choice Based Credit System. The Programme requirements include 80 Credits, 48 Credits from Core Course, 12 Credits from Elective Course, 8 Credits from Skill Development Course and 12 Credits from Inter Disciplinary Course.

The M.A. First Semester shall comprise of the following three core papers, two elective papers, one Inter Disciplinary paper and one skill development paper to be selected by the students:

### **Core Paper**

M.A. - 101	Economic Thought	4 Credits
M.A. - 102	Micro Economic Analysis	4 Credits
M.A. - 103	Theories of International Trade	4 Credits

### **Elective Paper (Any One)**

**3 Credits**

M.A. - 104-A	Issues and Problems of Indian Economy
M.A. - 104-B	Indian Economic Policy

### **Inter Disciplinary Paper**

**2 Credits**

M.A. - 105	Computer Application in Economics
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### **Skill Development Paper**

**3 Credits**

M.A. - 106	Environmental Economics
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The M.A. Second Semester shall comprise of the following three core papers, one Elective Paper, one Skill Development paper and one Inter Disciplinary paper to be selected by the students:

### **Core Paper**

M.A. - 201	Theory of Pricing and Welfare	3 Credits
M.A. - 202	Quantitative Methods	3 Credits
M.A. - 203	International Economics	3 Credits
	Viva-Voce	3 Credits

### **Elective Papers (Any One)**

**3 Credits**

M.A. - 204-A	Financial Institutions
M.A. - 204-B	Labour Economics

### **Skill Development Paper**

**2 Credits**

M.A. - 205	Human Resource Development
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### **Inter Disciplinary Paper**

**3 Credits**

M.A. - 206	Industrial Economics
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The M.A. Third Semester shall comprise of the following three core papers. One Elective Paper, One Skill Development Paper and One Inter Disciplinary Paper to be selected by the students:

**Core Paper**

M.A. - 301	Macro Economic Analysis	4 Credits
M.A. - 302	Theories of Economic Growth	4 Credits
M.A. - 303	Public Economics	4 Credits

**Elective Papers (Any One) 3 Credits**

M.A. - 304-A	Economics of Agriculture
M.A. - 304-B	Demography

**Skill Development Paper 2 Credits**

M.A. - 305	Managerial Economics
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**Inter Disciplinary Paper 3 Credits**

M.A. - 306	Problems of Indian Agriculture
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The M.A. Fourth Semester shall comprise of the following three core papers. One Elective Paper, One Skill Development Paper and One Inter Disciplinary Paper to be selected by the students:

**Core Paper**

M.A. - 401	Monetary Economics	3 Credits
M.A. - 402	Indian Pubic Finance	3 Credits
M.A. - 403	Research Methodology	3 Credits
	Viva-Voce	3 Credits

**Elective Papers (Any One) 2 Credits**

M.A. - 404-A	Economics of Infrastructure and Transport
M.A. - 405-B	Economics of Public Sector in India

**Skill Development Paper 2 Credits**

M.A. - 405	Rural Development
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**Inter Disciplinary Paper 3 Credits**

M.A. - 406	Regional Economic Co-operations
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## FIRST SEMESTER

### **Paper Code: M.A. - 101                      ECONOMIC THOUGHT**

**Objective:** The objective of this paper is to provide a historical background of Economic thinking and to make the students aware regarding the changes in the Economic theories.

#### **Unit - I**

##### **History of Indian Economic Thinker:**

Dada Bhai Noroji, Gopal Krishna Gokhle, Mahatma Gandhi

#### **Unit - II**

J. L. Nehru, Vinoba Bhave, Amartya Sen

#### **Unit - III**

History of Western Economic Thinkers - The Classical Tradition

- (i) Adam Smith
- (ii) David Ricardo
- (iii) John Stuart Mill

#### **Unit - IV**

Modern Economic Thought

- (i) Nationalists
- (ii) Institutionalism
- (iii) Socialist Economics

#### **Unit - V**

Neo Classical Economic Thinker

- (i) Alfred Marshall
- (ii) A. C. Pigou
- (iii) J. M. Kenynes

#### **Reading List:-**

- (a) V. C. Sinha - History of Economic Thought.
- (b) T. N. Hajela - History of Economic Thought.
- (c) J. A. Shumptor - Ten Great Economists.
- (d) B. N. Ganguli - Indian Economic Thought.
- (e) J.C. Kumarappa - Gandhian Economic Thought.
- (f) P. K. Gopal Krishnan - Development of Economic Ideas in India.
- (g) Schumpeter - History of Economic Analysis.

### **Paper Code: M.A. - 102                      MICRO ECONOMIC ANALYSIS**

**Objective:** The purpose of this paper is to provide a conceptual knowledge about Economic decision making at the micro level.

#### **Unit - I**

Analytical Techniques of Economic Analysis.

Determination of Equilibrium and Optimization.

#### **Unit - II**

Consumer Theory - Utility and Indifference Curve, Consumer Behavior Slutsky Theorem, Compensated Demand Curve, Fundamental Theorem of Consumption.

#### **Unit - III**

Modern Utility Analysis of Consumer's Choice under Risk and Uncertainty - The Neuman - Morgenstern Method; Revealed Preference Theory.

**Unit - IV**

Producer's Equilibrium and production function - fixed coefficient, Cobb - Douglas, CES; Elasticity of Factor Substitution.

**Unit - V**

Cost Analysis - Traditional & Modern Theories of Cost; Deviation of Cost from Production function Revenue Analysis, General Equilibrium Theory - Its Stability and Uniqueness.

**Reading List:-**

1. Baumol, W.J. - Economic Theory & Operation Analysis.
2. Da Costa G. C. - Production, Prices & Distribution.
3. Green H.A.G. - Consumer Theory.
4. Hansen, B - A Survey of General Equilibrium Analysis.
5. Henderson, J.M. & R.E. Quant - Micro Economic Theory : A Mathematical Approach.
6. Koutsoyiannis A. - Modern Micro Economics.
7. Kreps, David - Course in Micro Economic Theory.
8. Prasad A.R. Dictionary of Micro Economics.
9. Sen, A. - Micro Economics : Theory & Applications.
10. Ahuja, H.L. - Advanced Economic Theory.
11. Jhingan, M.L. - Micro Economics.

**Paper Code: M.A. - 103 THEORIES OF INTERNATIONAL TRADE**

**Objective:** The aim of this paper is to provide the knowledge about the various theories of International Trade and their applications.

**Unit - I**

Theory of International Trade : Adam Smith, Recardo, Mill, Heckscher - Ohlin Theory of Trade, Trade as an Engine of Growth.

**Unit - II**

Theorem of Factor Price Equalization, The Rybezynski Theorem, Kavis & Linder Theories of Trade, Stolper - Samuelson Theorem, Leontif Paradox (Factor-Reversal).

**Unit - III**

Measurement of Gains from Trade and their Distribution, Concepts of Term of Trade, Uses and Limitation, Hypothesis of Secular Deterioration of Term of Trade.

**Unit - IV**

Welfare Implications, The case for Interventions (Tariffs, Quotas and Non-Tariff Barriers), Effects of Tariff and Quotas on National Income output, Employment, Income Distribution.

**Unit - V**

Nominal Effective & Optimum Rates of Tariffs - Their Measurements, Impacts and Welfare Implication Dumping.

**Reading List:-**

1. Bhawati J. (ED) - International Trade, Selected Reading.

2. Brahmanna P.R. - The IMF Loan & India's Economic Future.
3. Kenen, P.B. - The International Economics.
4. Kindleberger, C.P. - International Economics.
5. Linder, S.B. - An essay on Trade & Transformation.
6. Man Mohan Singh - India's Exports Trends & Prospects for Self Sustained Growth.
7. Mundell, R. - International Economics.
8. Soderston, Bo - International Economics.
9. Jhingan, M.L. - International Trade.
10. Singh Sudama & Vaish M.C. - International Economics.

**Paper Code: M.A. - 104 -A      ISSUES & PROBLEMS OF INDIAN ECONOMY**

**Objective:** The purpose of this paper is to help students to understand the issues and problems of Indian Economy.

**Unit - I**

The issues of Indian Economy on:

- \* National Income - Trends
- \* Poverty and Inequality
- \* Problem of Unemployment
- \* Manrega (MANREGA)

**Unit - II**

Growth of Monopolies and Concentration of Economic Power. Multinationals in India, Parallel Economy in India.

**Unit - III**

Economic Reforms since 1991, Industrial development under various Industry Policy. Problem of Small & Cottage Industries. Industrial Sickness.

**Unit - IV**

Need of Second Green Revolution, Food Security Act, 2010.

**Unit - V**

Human Resource Development & Social Infrastructure. Role of N.G.O. in Development.

**Reading List:-**

1. Sen, A.K. - Growth Economics.
2. A.I.J. and I.M.D. - India's Economic Reforms & Development.
3. Bardhan, P.K. - The Political Economy of Development in India.
4. Brahmanna (P.R. & V.P. Panchmukhi) - Development Experience in Indian Economy : Inter State Perspective.
5. Chelliah, Raja J. & R. Sudershan - Sudasnan - Income Poverty & Beyond Human Development in India.
6. Datt. R. - Second Generation Economic Reforms in India.
7. Datt & Sundram - Indian Economic Problem Policies.
8. Jain, A.K. - Economic Planning in India.
9. R.B.I. Report - Government of India, Economic Survey (Annual).

**Paper Code: M.A. - 104-B      INDIA'S ECONOMIC POLICY**

**Objective:** This paper aims to provide the conceptual knowledge of India's Economic Policy.

**Unit - I**

**Monetary Policy:** Role and objective in developing countries, instruments of Monetary Policy. Monetary Policy of India during plans and reform period. Monetary Policy in recent years.

**Unit - II**

**Commercial Policy:** India's balance of payments during plans, India's foreign trade policy , foreign capital and India, FERA, FEMA.

**Unit - III**

**India's Population Policy:** Demographic structure of India, occupational structure of India' population, India's population policy. Census in India - Main features of 2011 census.

**Unit - IV**

**Environmental Policy :** Inequality, Unemployment, Digital divide.

**Unit - V**

**Some Issues of Indian Economy:** NITI Ayog, National Development Council (NDC), Developing Gross-Root Organization for Development, Role of N.G.O., Public, Private, Partnership (P.P.P.).

**Reading List:-**

1. Amartya Sen - Development AS Freedom, Oxford University Press.
2. A.K. Sen - Collective Choice and Social Welfare on Economic Inequality, Oxford University Press.
3. Amartya Sen and Jean Dreze - India : Economic Development and Social Opportunity, Oxford University Press.

**Paper Code: M.A. - 105                      COMPUTER APPLICATION IN ECONOMICS**

**Objective:** The purpose of this paper is to equip the students with the knowledge of computer and its applications in Economics.

**Unit - I**

**Computer and Peripherals:**

Basic components of computer - CPU, Input-Output devices, mouse and scanner, video display, monitor, printer and plotters, data storage and retrieval, hard disk, floppy disk and pen drive, C.D. ROM, types of computers and their application.

**Unit – II**

**Data Processing Techniques and Algorithms:**

Concept of data, record and file types of data and data structure, data analysis, file handling and appending and cascading closing and attribute control. Data storage and retrieval, data operations, algorithms like sorting, merging, joining and bifurcature, database concept and operation on database, DBMS and RDBMS, introduction to MS Excel and MS Access and MY SQL.

**Unit - III**

**Statistical Processing Techniques and Methods:**

Time and frequency series - presentations of chart and scuttle plots - line sub divided. Multiple pie graphs - estimation of descriptive statistics - estimation of growth rates trends equations and regression equations - estimation of simple econometric model using analysis, tollpack - introduction of SPSS.

**Unit - IV**

**IT Applications to Economics:**

Online banking, ATM's electronic stock exchange, electronic trading, data sharing and dissemination, electronic transaction document delivery.

**Unit - V**

**Transaction Processing (OLTP):**

Online shopping and malls B2B, B2C models integrated transaction platforms. E-Commerce application in India.

**Reading List:-**

1. Sandress D.H. - Computers today Mc. Graw Hill (ND).

2. Sinha P.K. - Computer fundamentals BPB - Pub. N.D.
3. Lenin R.I. and C.A. - Kirkpatrick - Quantitative Approach in Management Mc. Graw Hill.
4. Intrilligator M.D. - E-Conometric Models, Techniques and Application - Prentic Hall.

**Paper Code: M.A. - 106**

**ENVIRONMENTAL ECONOMICS  
(Not for Economics Students)**

**Objective:** The objective of this paper is to discuss and analyse the Environmental problems and to find out its Economic Solutions.

**Unit - I**

**Introduction:**

- \* Environmental Economics
- \* Resource Economics
- \* Ecological Economics

Links between Natural Environment and Human Economy:

- \* Neo Classical Perspective : Circular & Flow Model
- \* Ecological Perspective : Material Balance Model

**Unit - II**

**Economics of Resources Use:**

- \* Optimal use of Renewable Resources
- \* Optimal use of Non-Renewable Resources
- \* Resource Conservation
- \* Recycling

**Unit - III**

**Fundamental of Environmental Resources :**

- \* The Optimal Level of Pollution
- \* Environmental Damage

**Environmental Problem:**

- \* Public Goods
- \* Common Property Resources
- \* Externalities : Types of Externalities
- \* Basics of Externalities Theory

**Unit - IV**

**Solution to Environmental Problems:**

Commands and Control Approach: Liability Law, Emission Standard, Property Rights, Market Approach, Pollution Tax, Pollution Subsidy, Deposit Refund System, Pollution Permit Trading System.

**Unit - V**

**Environmental Policy in India :**

- \* Environmental Issues in India
- \* Environmental Policy : Objective & Strategy
- \* Carbon Trading / Credit
- \* S.R.F. Limited

**Reading List:-**

1. Baumol, W.J. & Wallase E.O. - The Theory of Environmental Policy.
2. Bhattacharya, Rabindra (ed.) - Environmental Economics - An Indian Perspective.
3. Jhingon, M.L. & Sharma, C.K. - Environmental Economics Theory Management & Policy.
4. Rangrajan Mahesh - Environmental Issues in India.
5. Sen Gupta Ram Prasad - Ecology & Economics.

## SECOND SEMESTER

### **Paper Code: M.A. - 201                      Theory of Pricing and Welfare**

**Objective:** To enable the students to become familiar with the theory of pricing and welfare.

#### **Unit - I**

Equilibrium of a firm under monopolistic competition - Assumptions, cost product differentiation, concept of industry and group, theory of excess capacity.

#### **Unit - II**

Oligopoly - Non - collusive (Cournot, Sweezy) collusive (Cartels, Price Leadership) full cost pricing theory (The Hall and Hitch Report).

#### **Unit - III**

Managerial theory of the firm (Baumol's Theory of Sales Revenue Maximization). Factor pricing - Elasticity of factor substitution and the share of factors of production; Euler's product Exhaustion theorem.

#### **Unit - IV**

Pigouvian welfare economics; The paretian Optimum; Value Judgment.

#### **Unit - V**

Social welfare function; compensation principle.

#### **Reading List :-**

1. Baumol W.J. - Economic Theory and Operation Analysis.
2. Da Costa, G.C. Production, Prices and Distribution.
3. Grean H.A.G. - Consumer Theory.
4. Hansen, B.A. Survey of General Equilibrium System.
5. Henderson, J.M. and R.E. Quant : Micro Economic Theory : A Mathematical Approach.
6. Koutsoyiannis A - Modern Micro Economics.
7. Kreps, David M. - Course in Micro Economic Theory.
8. Prasad A.R. Dictionary of Micro Economics.
9. Sen. A. Micro Economics, Theory and Application.
10. Ahuja H.L. - Advanced Economic Theory.
11. Jhingan, M.L. Micro Economics.

### **Paper Code: M.A. - 202                      QUANTITATIVE METHODS**

**Objective:** The aim of this paper is to equip the students with quantitative techniques and its application in economics.

#### **Unit - I**

The concept of Function and Derivative; Rule of Differentiation Interpretation of Revenue, Cost Demand & Supply Functions, Elasticity and their types.

#### **Unit - II**

Production Functions, Rules of Partial Differentiation and Interpretation of partial derivatives, constrained optimization - Method of Lagrange Multiplier.

#### **Unit - III**

Concept of Integration and its application to consumer's surplus and producer's surplus.

#### **Unit - IV**

Introduction to Matrix and Vector; Eigen Vector Concept of Difference and Differential Equations with Applications.

**Unit - V**

Method of Estimation, Assumption and the concept of best Liner unbiased Estimation, ordinary least squares method of Regression, Standard Error of Estimation of Demand function - Engels's Law.

**Reading List :-**

1. Alhence - Fundamental of Statistics.
2. B. L. Agarwal - Basic Statistics.
3. Chaturvedi & Mishra - Economics Research & Statistics.
4. S. P. Singh - Theory of Statistics.

**Paper Code: M.A. - 203                      INTERNATIONAL ECONOMICS**

**Objective:** The paper aims to provide the students the conceptual knowledge of International Economics and its changing pattern.

**Unit - I**

Meaning and Components of Balance of Payment, Equilibrium and Disequilibrium in the Balance of Payments.

**Unit - II**

The process of Adjustment under Gold Standard, Fixed Exchange Rates and Flexible Exchange Rates; Expenditure reducing and Expenditure - Switching Policies and Direct Controls for Adjustment.

**Unit - III**

A critical Review of the Monetary Approach to the theory of Balance of Payments Adjustment.

**Unit - IV**

Form of Economic Cooperation; Static & Dynamic Effects of customs union.

**Unit - V**

Rationale and Economic progress of SAARC/SAPTA and ASEAN Regions.

**Reading List :-**

1. Bhawati J. (Ed.) - International Trade, Selected Reading.
2. Brahmanna P.R. - The IMF Loan & India's Economic Future.
3. Kenen P.B. - The International Economics.
4. Kindleberger, C.P. - International Economics.
5. Linder S.B. - An Essay on Trade & Transformation.
6. Man Mohan Singh - India's Exports, Trends & Prospects for self sustained Growth.
7. Mundell R. - International Economics.
8. Soderston, B. - International Economics.
9. Jhingon - International Economics.
10. Singh Sudama & Vaish M.C. - International Economics.

## **Viva-Voce (3 Credits)**

**Paper Code: M.A. - 204-A****FINANCIAL INSTITUTIONS**

**Objective:** The objective of the paper is to provide the knowledge regarding Financial Institutions and its working.

**Unit - I**

Money & Finance - Money & Near Money - Financial Intermediation and Financial Intermediaries.

**Unit - II**

The structure of the Financial System - Function of the Financial Sector - Indicators of Financial Development.

**Unit - III**

Function of Central Bank - The Aim & objectives of the Monetary Policy in Developed & Developing Countries - Effectiveness of Monetary Policy - Credit Creations and its Control.

**Unit - IV**

Development Banks - Role & Functions; Investment Banking and Merchant Banking, Rise & Fall of Brettonwood Institutions.

**Unit - V**

International Liquidity - Post Maastricht Development Reforms in International Monetary System for Developing Countries.

**Reading List :-**

1. Bhole L.M. - Financial Institutions and Market.
2. Bhole L.M. - Indian Financial System.
3. Gupta L.C. - India's Financial Markets and Institutions.
4. Khan, M.Y. - Indian Financial System.
5. Prasad K.N. - Development of India's Financial System.

**Paper Code: M.A. - 204-B****LABOUR ECONOMICS**

**Objective:** It aims to provide basic understanding and conceptual knowledge about Labour Economics.

**Unit - I**

Labour - Its characteristics; Role of Labour in Economic Development; W.A. Lenis & Ranisfie; Mobility and Productivity of Labour; Methods of Recruitment and Placement; Employment Service Organization in India.

**Unit - II**

Employment & Development Relationship - Unemployment Concepts Types and Measurement, Particularly in India; Public Sector and Employment in Agricultural Sector; Analysis of Educated Unemployment; Employment Policy in Five Year Plans and its Evaluation.

**Unit - III**

Classical, Neo-Classical and Bargaining, Theories of Wage Determination, Concept of Minimum Wage, Living Wages and Fair Wage in Theory and Practice; Productivity and Wage Relationship; National Wage Policy, Wages and Wage Boards in India.

**Unit - IV**

Industrial Relations, Industrial Disputes and Industrial Peace, Causes of Industrial Disputes and their Settlement.

**Unit - V**

Special problem of Labour, Child Labour, Female Labour, Labour Market, Reforms in India-National Commission on Labour.

**Reading List :-**

1. Bhagoliwal T.N. - Economics of Labour & Social Welfare.
2. Datt. G. - Bargaining Power, Wages Employment : An Analysis : Agricultural Labour Markets in India.
3. Lester R.A. - Economics of Labour.
4. T.N. Hajela - Theory of Finance.
5. Hickes J.R. - Theory of Wages.

**Paper Code: M.A. - 205 HUMAN RESOURCE DEVELOPMENT**

**Objective:** The purpose of this paper is to provide basic understanding and conceptual knowledge about Human Resource Development.

**Unit - I**

Human Resource and Economic Development, Importance of Human Resource Development, Relation between economic growth and human development. Factors affecting human development.

**Unit - II**

Role of education and health in human resource development, Investment in education and health. Human resource and social welfare.

**Unit - III**

Human resource development in India, Manforce planning in India, Meaning objectives, Need and Importance, Efforts of human resource development in Five year plans.

**Unit - IV**

Different Indices of Human Development, HDI, HPI, PQLI.

**Unit - V**

Problem of child labour, Women Labour, Migration of talent, Policy for HRD.

**Reading List :-**

1. S. P. Singh - The Economics of Development.
2. M. L. Jhingon - Economics of Development and Planning.
3. O. S. Srivastava - Demography.
4. B. C. Sinha - Demography.
5. V. R. Tresor - Management, Training and Development.

**Paper Code: M.A. - 206 INDUSTRIAL ECONOMICS**

**Objective:** To impart the knowledge regarding Economics of Industry to the students.

**Unit - I**

**Introduction:** Meaning, Need, Scope and Significance of Industrial Economics, Large and Small Industries, Public Sector - Importance and Problems.

**Unit - II**

**Industrial Location:** Factors affecting location of Industries, **Theories of Location:** Weber, Florence, Industrial Imbalance, Causes and Measures, Determinants of Location.

**Unit - III**

**Project Appraisal:** Pay-back period Method Return on capital method, Cost Benefit Analysis, Internal Rate of Return Method, Social Cost Benefit Analysis, Debt and Equity Capital Types of Shares.

**Unit - IV**

**Industrial Efficiency:** Productivity and its measurement, Factors affecting productivity, size of Firm and productivity, capacity utilization, diversification, Merger, Industrial efficiency.

**Unit - V**

Sources of Industrial Finance in India, Development of Financial Institutions & capital market in India.

**Reading List :-**

1. Ahluwalia I. J. (1985) - Industrial Growth in India
2. Barthwal, R. R. (1985) - Industrial Economics, Wiley Eastern Ltd. N.D.
3. Gupta, S. B. - Industrial Economics.
4. Singh A. & A. N. Sandhv (1988) - Industrial Economics, Himalaya Publishing.
5. Kuchhal S. C. (1980) - Industrial Economics of India.
6. Government of India, Economic Survey (Annual).
7. Desai, B. - Industrial Economics in India.

**THIRD SEMESTER**

**Paper Code: M.A. - 301                      MACRO ECONOMIC ANALYSIS**

**Objective:** This paper aims to provide the students the conceptual knowledge of Macro Economics.

**Unit - I**

**National Income:** Components and Measurement, Circular Flow of Income; National Income Accounting : Theory and Practice; Problem of Aggregation.

**Unit - II**

**Consumption Function :** Keynes Psychological Law of Consumption, Factors Affecting Consumption Function; Empirical Evidence on Consumption Function; Income Consumption Relationship-Absolute Income, Relative Income, Life Cycle and Permanent Income Hypothesis Multiplier.

**Unit - III**

**Investment Function :** Autonomous and Induced Investment; Marginal Efficiency of Capital, Determinants of Investment, The Acceleration Principle, Theories of Rate of Interest Classical; Neoclassical and Keynesian view on Interest.

**Unit - IV**

The IS-LM Model; Extension of IS-LM Model with Government Sector; Effectiveness of Monetary and Fiscal Policies Classical, Structural and Monetarist Approach of Inflationary Gap and Double Inflationary Gap (Ben Hanson); Phillips Curve Analysis - Short run and Long run Phillips Curves, Tobin's Modified Phillips Curves.

**Unit - V**

Business Cycle Theories - Samuelson & Hick, Kaldor; Control of Business Cycles - Relative Effect of Monetary and Fiscal Policies, Macro Economics in an open economy : Mundell Fleming Model.

**Reading List :-**

1. Alen, R.G.D. - Macro Economics Theory.
2. Friscek Helmett - Theories of Inflation.
3. Muller M.G. - Reading in Macro Economics.

4. Shapiro E. - Macro Economic Analysis.
5. Romer, D.L. - Advanced Macro Economics.
6. Haijda B.J. & V.P. Fredrick - Foundation of Modern Trade.
7. Vaish, M.C. - Monetary Economics.
8. Lal, S.N. - Money Banking & Public Finance.

**Paper Code: M.A. - 302                      THEORY OF ECONOMIC GROWTH**

**Objective:** The objective of this paper is to acquaint the students with the concepts of theory of Economic Growth.

**Unit - I**

Economic Growth and Development - Factor Affecting Economy Growth; Problem of Economic Growth and The General Solution Growth Equilibrium - Existence Uniqueness and Stability.

**Unit - II**

Classical Theory of Growth General, Ricardo and Adam Smith Growth Models of Harrod and Domar and Instability of Growth.

**Unit - III**

Solutions of Instability Problem; Neo-Classical Model of Growth R.M. Solow, T.W. Swan, Neo-Keynesian Model of Growth N. Keldor, L. Pasinetti and Mrs. John-Robinson.

**Unit - IV**

Capital Controversies in the theory of capital Neo-Classical Neo-Keynesian Version.

**Unit - V**

Money & Growth, James Tobin and H. G. Johnson, Elementary Treatment of Optimum Growth, Models, Keynes, Ramsey Rule.

**Reading List :-**

1. S. Chakravarti - Alternative Approaches to Theory of Economic Growth.
2. Jones, H.G. - An Introduction to the Modern Theory of Economic Growth.
3. Sen, A.K. - Growth Economics.
4. Thirwal, A. P. - Growth and Development.
5. R. K. Lekhi - Economic Development.
6. S. P. Singh - Economic of Growth.
7. R. P. Sen - Development Theory and Growth Models.
8. Mehta - Economic of Growth.
9. D. Bright Singh - Economic Development.
10. M. L. Jhingen - Economic Development Planning.

**Paper Code: M.A. - 303                      PUBLIC ECONOMICS**

**Objective:** The paper aim to analyse the issues and problems of Public Economics.

**Unit - I**

**Role of Government in an Economy** - The allocation Distribution and the stabilization functions; private Goods, Public Goods & Merit Goods.

**Unit - II**

**Public Expenditure** - Wagner's Law of Increasing State Activities Wiseman - Peacock Hypothesis; Pure Theory of Public Expenditure criteria for public Investment.

**Unit - III**

**Cost - Benefit Analysis** - Project Evaluation Reform in Expenditure Budgeting performance & Programme Budgeting and Zero Based Budgeting, gender budgeting.

**Unit - IV**

**Taxation** - Principle of Taxation Benefit and Ability to Pay Approaches: Indices of Ability to Pay; Incidence of Taxation - Impact Incidence of Effect of a Tax, Backward & Forward.

**Unit - V**

Source of Public Debt; Debt through created money; Public borrowing and price level, compensatory aspect of debt Policy, Burden of Public Debt Crowding out of Private Investment Activity, Principle of Public Debt Management & Repayment.

**Reading List :-**

1. Dwivedi, D.N. - Reading in Indian Public Finance.
2. Gandhi, V.P. - Some Aspects of Indian Tax Structure : An Economic Analysis.
3. Seligman, E.R.A. - Essay in Taxation.
4. Mishra, D.K. - Public Debt and Economic Development of India.
5. Sengupta, A.K. - Theory of Public Budgeting.
6. Lal, S.N. - Problem of Public Borrowing in India.
7. Lekhi, R.K. - Public Finance.
8. Singh, A.K. - Public Finance.
9. Gaur, A.K. - Federal Finance in India.
10. Jain, A.K. - Taxation of Income in India.

**Paper Code: M.A. - 304-A**

**ECONOMICS OF AGRICULTURE**

**Objective:** The purpose of this paper is to make the students aware regarding the problems and issues of Economics of Agriculture.

**Unit - I**

Linkage between Agriculture and Industry, Traditional Agriculture and its Modernization.

**Unit - II**

Agricultural Development Models; Lewis Schultz and Mellor; Cobweb Model, Fenis - Ranis Models.

**Unit - III**

Agriculture Cost & Production, Supply Resource in Agriculture, Price & Non-Price Incentive.

**Unit - IV**

**Farm Size** : Production & Productivity - Introduction, Relationship between farm size and productivity.

**Unit - V**

Green Revolution, Return to scale and the Inverse Relationship size of the farm & Profitability.

**Reading List :-**

1. Bhaduri, A. - The Economic Structure of Backward Agriculture.
2. Bilgrame, S.A.R. - An Introduction to Agriculture Economics.
3. Dantwala, M.L. - Indian Agriculture Development since Independence.
4. Desai, R.G. - Agricultural Economics (Models Problems & Policy Issues).
5. Government of India - Report of the National Commission on Agriculture.
6. Joshi, P.C. - Land Reforms in India (Trends Prospects).
7. Rudra, A. - Indian Agricultural Economic (Myths & Reality).

8. Soni, R.N. - Leading Issues in Agriculture Economics.

**Paper Code: M.A. - 304-B**

**DEMOGRAPHY**

**Objective:** The aim of this paper is to discuss and analyse the concepts of Demographic theories and its applications.

**Unit - I**

**Demography** - Basic Concept and Measures : Rates & Ratio; Child Woman Ratio, population Density, Sex Ratio etc.

**Unit - II**

**Measure of Fertility** : General Fertility Rate, Total Fertility Rate, Gross Reproduction Rate and Net Reproduction Rate.

**Unit - III**

Measure of Mortality/Morbidity Infant Mortality Rate, Natal Mortality Rate, Maternal Mortality Rate.

**Unit - IV**

**Life Tables** - Concept Construction, Abridged Life Tables, Uses and Limitations, Concept of Stable and Stationary Population. Nuptiality Analysis : Concept, Various Measures, Marital Dissolution.

**Unit - V**

**Population Manpower Projection** - Meaning & Measures Source of Demographic Data.

**Reading List :-**

1. Barclay - Techniques of Demographic Analysis.
2. Srivastava, U.S. - A Text Book of Demography.
3. Kumar, V. - Demography, Latest Edition.
4. Srivastava, S.C. - Dynamics of Demographic Studies.
5. Mishra, J.P. - Demography, Latest Edition.
6. National Family - Various Reports Health Survey.

**Paper Code: M.A. - 305**

**MANAGERIAL ECONOMICS**

**Objective:** The objective of this paper is to provide knowledge of Managerial Economics to the students.

**Unit - I**

**Nature and Scope of Managerial Economics** - Definition of Economics and Managerial Economics - Nature, Scope Functions, Uses and Limitations of Managerial Economics.

**Unit - II**

**Demand Analysis** - Meaning, Law of Demand and its determinants, Meaning, Types and Degree of Elasticity, Measurement of Price Elasticity Meaning Factors involved in forecasting, Methods of Forecasting - Survey Method, Graphical Method and Experimental Method, Criteria for good forecasting.

**Unit - III**

**Production Analysis** - Meaning and the Managerial use of a production Function - Law of variable proportions, Isoquant - Properties and the equilibrium Meaning, Total Average and Marginal Cost (Simple Problems to calculate Their Values). Meaning - Total, Average and Marginal Revenue (Simple problems to calculate these values). Meaning - Construction of a break even chart (any one with simple practical application of it) and the Margin of Safety.

#### **Unit - IV**

**Techniques of Pricing** - Market structure and pricing profit planning and capital budgeting, price & output decision under different market. Full Cost Pricing - Marginal Pricing, Customary Pricing, Product Line Pricing, Skimming Pricing, Penetrating Pricing, Price of Joint Product, New Product.

#### **Unit - V**

Investment Decision and Capital Budgeting Cost benefit Analysis, Capital budgeting Process, Comparison between NPV and IRR. Reviewing Investment Process.

#### **Reading List :-**

1. Joel Dean - Managerial Economics.
2. P.L. Mehta - Managerial Economics - Analysis Problem and Cause.
3. R.I. Varshney and K.L. Maheswari - Managerial Economics.
4. S. Sankaran - Economics Analysis.
5. Dwi. - Managerial Economics.
6. Maheswari - Managerial Economics.

#### **Paper Code: M.A. - 306 PROBLEMS OF INDIAN AGRICULTURE**

**Objective:** The paper aims at the concepts and applications of theories to solve the problems of agriculture.

#### **Unit - I**

Indian agriculture problems & policies Land Utilizations, land tenure, tenancy agrarian reform and structural change in India. Agricultural production in India, System of farming, size of farmer productivity and economic efficiency in agricultural industry.

#### **Unit - II**

Agricultural finance in India, feature of credit system, types of credit, sources of credit, agencies of credit, problem of capital formations in Agriculture. Agriculture marketing in India, The market structure Organization of market, Co-operation marketing. Agriculture price in India Movement of prices stabilization of price, pricing policy, Agricultural growth and stability.

#### **Unit - III**

Agriculture Labours, Problem of agricultural Labour, Agrarian unrest, employment situation and wages.

#### **Unit - IV**

State policy towards agriculture in India, Food Policy, Taxation of Agricultural Land and Income.

#### **Unit - V**

Agriculture development under the different plan period, new agricultural strategy, Technological change and productive green revolution.

### **FOURTH SEMESTER**

#### **Paper Code: M.A. - 401 MONETARY ECONOMICS**

**Objective:** The objective of this paper is to discuss and analyze the problems and issues of Monetary Economics.

#### **Unit - I**

Approaches Towards Determination of Money Supply Conventional, Friedman, Radcliffe Committee & Gurley & Shaw Approach.

**Unit - II**

R.B.I. Approach to Money Supply; High powered Money & Money Multiplier, Budget Deficits and Money Supply; Control of Money Supply.

**Unit - III**

Classical Approach to Demand for Money - Quantity theory Approach, Fisher's Equation, Cambridge Quantity Theory, Keynes Liquidity Preference Approach.

**Unit - IV**

Post Keynesian Approach to Demand for Money - Patinkins and Real Balance Effect. Approaches of Baumol and Tobin.

**Unit - V**

Friedman and Modern Quantity theory, Crisis in Keynesian Economic and Revival of Monetarism.

**Reading List : -**

1. Allen, R.G.D. - Macro Economics Theory.
2. Friceh Helmettt - Theories of Inflation.
3. Multer, M.G. - Reading in Macroeconomic.
4. Saprio, E. - Macro Economic Analysis.
5. Romer, D.L. - Advanced Macroeconomic.
6. M.C. Vaish - Monetary Economics.
7. S.N. Lal - Money, Banking & Public Finance.

**Paper Code: M.A. - 402                      INDIAN PUBLIC FINANCE**

**Objective:** This paper aims at providing conceptual framework regarding the Indian Public Finance.

**Unit - I**

Objective of Fiscal Policy Interdependence of Fiscal & Monetary Policies, Budgetary Deficits and its Implications.

**Unit - II**

Theory of Federal Finance, Division of Function and Resource; Fiscal Federalism in India; Vertical & Horizontal Imbalance, Assignment of Function and Source of Revenue.

**Unit - III**

Finance Commission and the Planning Commission, NITI Ayog, Devaluation of Resource & Grants; Resources transfer from Union to States, Criteria for transfer of Resources : Centre-State Financial Relation in India. The Role of Finance Commission.

**Unit - IV**

The Indian Tax System : Revenue of the Union States and Local Bodies; Major Taxes in India : Base of Taxes; Direct & Indirect Tax, Taxation of Agriculture, Expenditure Tax, Taxes on Services Reforms in Direct & Indirect Taxes. Basic Concepts of GST & its impact.

**Unit - V**

Analysis of Central & State Government Budget Trends in Public Expenditure and Public Debt, Fiscal Crisis and Fiscal Sector Reforms in India.

**Reading List :-**

1. R. N. Bhargava - Indian Public Finance.
2. S. K. Singh - Pubic Finance (H/E).
3. B. N. Ganguli - Public Finance.

4. R. K. Lekhi - Public Finance.
5. T. N. Hajela - Theory of Finance.

**Paper Code: M.A. - 403**

### **RESEARCH METHODOLOGY**

**Objective:** The objective is to equip the students with Research Methodology.

#### **Unit - I**

Nature & scope of Economics Research Difference between Social & Physical Sciences, Research Methodology.

#### **Unit - II**

Research Design, primary & secondary data, Questionnaire, Observation, Interview, Presentation of Research Report.

#### **Unit - III**

Data Analysis Classification, Tabulation, Line Graph, Bar Diagram Sample & Sampling Techniques.

#### **Unit - IV**

Measure of Central Tendency - Mean, Median, Mode. Measures of Dispersion, Mean Deviation, Standard Deviation. Lorenz Curve.

#### **Unit - V**

**Measure of Skewness** - Positive & Negative Skewness, Coefficient of Skewness, Coefficient of Variation.

#### **Reading List :-**

1. C. R. Kothari - Research Methodology.
2. Sharma & Mukherjee - Research in Economic & Commerce Methodology & Source.
3. Alhence - Fundamental of Statistics.
4. B. L. Agrawal - Basic Statistics.
5. S. P. Singh - Theory of Statistics.

## **VIVA-VOCE (3 Credits)**

**Paper Code: M.A. - 404-A**

### **ECONOMICS OF INFRASTRUCTURE AND TRANSPORT**

**Objective:** The objective of this paper is to provide the concepts of Economics of Infrastructure and Transport.

#### **Unit - I**

Introduction to Infrastructure Economics, Infrastructure and Economic Development, Infrastructure as a Public Good; Social and Physical Infrastructure; Special Characteristics of Public Utilities, The Peak Load, Off Load Problem, Dual Principle Controversy; Economic of Scale of Joint Supply; Marginal Cost Pricing vs other.

#### **Unit - II**

Role of State in Infrastructure provision - Need for Regulation in present period - Public Private Partnership. Planning for Infrastructure. The Development of Social and Physical Infrastructure Planning; Planning at Aggregate and Disaggregate Levels : Integrating Infrastructure Planning with the Large Planning Frame Work Exercise Infrastructure Planning in India-Process, Implementation and Experience.

### **Unit - III**

**Transport Economics** - Characteristics of Demand and Supply in Transport Sector - The Structure of Transport Costs. Models of Freight and Passenger Demand. Principles of Pricing. Special problems of Individuals Modes of Transport; Inter-Model condition in the Indian Situation-Location of Economic Activities. Indian Railways : Its Economics, Government Policies and Problems. Road, Water and Air Transport. Significance and Growth, Problems and Policy Challenges, Privatization and Modernization Issues. Review of Selected Important Schemes of Rural and Urban Transportation in India.

### **Unit - IV**

**Energy, Electricity and Gas and Water Supply Economics** - Energy Economics - Primary of Energy in the process of Economic Development. Factors Determining Energy Storage. Energy Conservation. Renewable and Non-Conventional sources of Energy. Pricing Issues in Energy, Electricity, Gas and Water Supply. Challenges in the provision of Services by the Public and Private Sector.

### **Unit - V**

**Infrastructure Financing and Regulation** - Conventional Methods of Financing Infrastructure-scope for Private Financing of Infrastructure - Reforms in Financing - Theory of Regulation, Deregulation and Privatization in Infrastructure. Approaches to privatization of Infrastructure and services and a competition Policy Evolution of Infrastructure Policy in India with Focus on case Studies Regarding Different Modes. Regulatory Bodies for Infrastructure.

**Paper Code: M.A. - 404-B**

## **ECONOMICS OF PUBLIC SECTOR IN INDIA**

**Objective:** The paper aims at providing the concepts problems and issues of public sector in India.

### **Unit - I**

The Role of Public sector in the economic development, trend of expansion of public enterprise in backward economics, public sector and regional development. Management of public sector enterprises, departmental, companies and corporation efficiency criteria and public accountability.

### **Unit - II**

Criteria of project selection, specification of objective, investment planning, pricing of labour, capital and Foreign exchange, project evaluation, cost benefit analysis.

### **Unit - III**

Economics of Infrastructure, Investment in Infrastructure and economic development, power, irrigation and transport.

### **Unit - IV**

Pricing policy of public enterprises, profit maximization and other financing of public enterprises.

### **Unit - V**

Study of the Board problems of the following major enterprises of India - Indian Railways, Steel Industry, Transport Undertaking and Irrigation Project, Indian Coal Industry, Bharat Heavy Electricals Ltd.

### **Reading Books :-**

1. Public Investment Criteria - S.A. Mevclin.
2. Evaluation of Industrial Project - UNIDO.
3. Public Enterprises (Ed) - R. Turvey.
4. Public Enterprises and Economic Development - H. Hansen.

5. Working of Public Sector - V.V. Ramnarayan.
6. Managerial Problems of Public Enterprises - A. H. Hansen
7. Indian Railway Finance - V.V. Ramanathan.
8. Bharat Heavy Electricals Ltd. - Anand Reports.

**Paper Code: M.A. - 405                      RURAL DEVELOPMENT**

**Objective:** The purpose of this paper is to provide the students the concepts and techniques of Rural Development.

**Unit - I**

Concept, Scope, Objectives and Importance of Rural Development Aspects of Rural Development. Rural Infrastructure - Roads, Irrigation, Electricity, Housing, Sanitation facilities, Communication Link, Education, Health and family welfare, HDI in rural India, Importance of IT in Rural India. Rural Industrialization and Agro-based Industries, Development of Rural Entrepreneurship.

**Unit - II**

Problems of Rural Development; Rural Unemployment. Magnitude of the problems, Causes and Remedies. Status of Women and Gender Bias, Women Empowerment. Causes of Rural Migration and Solutions. Rural Poverty, various measurements, causes and remedies, problems of Inequality in Rural India.

**Unit - III**

Review of Rural Development Administration and Panchayat Raj Institutions. The Panchayat Raj System, Functions of PR System. Sources of Income for Panchayat. Importance of Peoples Participation, Role of Voluntary Agencies in Rural Development and Micro-Level Planning.

**Unit - IV**

Livestock Enterprises in India, Fisheries, Sources, Fisheries Development Programme. Animal Husbandry. Trends in Live Stock Population. Livestock Development Programmes. Study of Floriculture and Horticulture of India.

**Unit - V**

Rural Co-operative, Rural Banking, Role of Bureaucracy in Rural Development. Rural Development Programmes, MANREGA, National Rural Livelihood Mission, National Rural Health Mission etc.

**Reading List :-**

1. Integrated Rural Development in Asia - Manohar.
2. Rural Development and the State - Netneun S.W. Ltd., London, Lea, M.A.P. Chaudhari, P.P.
3. Development as a tree, Oxford University Press - Sen Amartya

**Paper Code: M.A. - 406                      REGIONAL ECONOMIC CO-OPERATION**

**Objective:** The objective of this paper is to provide the knowledge regarding Regional Economic Cooperation.

**Unit - I**

**Regional Economic Co-operation** - Importance & Scope; Types : Economic, Monetary, Trade, etc. Bilateral Trade Agreement, Zipfs Law and Gravity Equation, Revealed Comparative Advantage Model.

**Unit - II**

**Preferential Trading** - Free Trade Agreements, Definition, Scope and Importance, SAFTA, NAFTA, ASEAN.

**Unit - III**

Preferential Trading, Economic Integration and Regional Grouping. Theories of Customs Union : Partial Equilibrium Approach, The General Equilibrium Approach. The Viner Model. The Vanek Model and the Lipsey Model. European Union, Indian and European Union.

**Unit - IV**

India and Future of Regional Economic Cooperation APEC. Pressure Group Combination and International Negotiations: G20 and G33

**Unit - V**

New International Economic order, North-South Debate, Non-Aligned Movement.