SEMESTER-V

ECN-H-C-511-T	ECONOMICS OF GROWTH AND DEVELOPMENT	(06 Credits, 60 Lectures)

Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100

Pass Marks: (MSE:08+ ESE: 32)= 40

Instruction to Question Setter for :- Mid Semester Examination (MSE):

1/2 Hrs. One semester internal Assessment (SIA) of 10 marks

End Semester Examination (ESE): Full Marks 80, Time 3 Hrs.

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered   (8x2=16).

Unit 1 : Concept of Growth and Development

1.1   Concept of Economic Growth and Economic Development, Measures of Economic Growth; Indicators of Economic Development, Factors affecting Growth and Development

1.2   Distinction between Economic Growth and Development, Main obstacles to Economic Development

1.3   Measures of Development : HDI, GDI,GEM, International Comparison with reference to India.

Unit 2 : Growth Models

2.1   The Harrod-Domar Model

2.2   Kaldor Model of Growth

2.3   Solow Model

2.4   The Mahalanobis Model

2.5   Feldman Model

Unit 3 : Leading Issues in Poverty, Inequality and Development

3.1   Meaning of Poverty; Absolute & Relative Poverty; Charactristics of Poverty.

3.2   Measurement of Poverty : Income based measures and Poverty Line, Non-monetary Measures (PQLI)

3.3   Poverty Traps in Developing Nations; Factors contributing to Vicious Circle of Poverty

3.4   Concept of Economic Inequality, Criteria of Economic Inequality;

3.5   Measurement of Inequality : The Lorenz Curve; GINI Coefficient

Unit 4 : Macro Economic Policy & Economic Development

4.1   Role of Monetary Policy in Promoting Economic Development.

4.2   Fiscal Policy and Economic Development

4.3 External Resources in Development : FDI, Aid versus Trade; Technology Inflow; MNC and Economic Growth.

Suggested Readings-

1. Ray, Debraj- Development Economics, Oxford University Press
1. Meir, G.M.-Leading Issues in Economic Development
3. Basu- Analytical Development Economics
4. Amartya Sen- Development as freedom, Oxford University Press,2000
5. Lekhi,R K , Joginder Singh- The Economics of Development and Planning, Kalyani publishers
6. Kuznets,S (1995)- Economic Growth & Economic Inequality, AmericanReview, vol. 45
7. Arthik Samvridhi evam Vikas, Sahitya Bhawan Publications

SEMESTER-V

ECN-H-C-512-T	PLANNING, DEVELOPMENT AND PROBLEMS OF INDIAN ECONOMY	(06 Credits, 60 Lectures)

Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100

Pass Marks: (MSE:08+ ESE: 32)= 40

Instruction to Question Setter for :- Mid Semester Examination (MSE):

1/2 Hrs. One semester internal Assessment (SIA) of 10 marks

End Semester Examination (ESE): Full Marks 80, Time 3 Hrs.

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain 04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered   (8x2=16).

UNIT 1: Economic Development

1.1 India as a developing economy: Trends and Growth Pattern of Indian Economy

1.2 Population Explosion, Population Policy

1.3 Human Resource Development Policy and Human Development Index (HDI)- Calculation of HDI

UNIT 2: Planning and Development

2.1 Economic Planning: Planning Commission vs NITI Aayog

2.2 Five Year Plans in India:Strategy, Objectives, Achievements and Problems

2.3 Financing of Plans in India

2.4 Economic Reforms in India since 1991- An Appraisal of Economic Reforms

2.5 10th, 11th, 12th and 13th Five Year Plans

UNIT 3: Employment and Problems of Unemployment in India

3.1 3:1: Employment Trends and Structure of Employment in India

3.2 Nature and Concepts of Unemployment

3.3 Estimates of Unemployment and NSSO

3.4 Government's Policy for Removing Unemployment: Major Employment Programs- Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS), National Policy for Skill Development and Entrepreneurship, Pradhan Mantri Kaushal VikasYojana (PNKVY), Self- Employment Programme for The Urban Poor.

UNIT 4: Poverty and Inequality in India

4.1 Concept and Definition of Poverty in India- Poverty Line; Estimates of Poverty

in India

4.2 Poverty Indexes ; HPI and MPI

4.3 Poverty Alleviation Programmes: National Rural Livelihood Mission (NRLM); National Urban Livelihood Mission(NULM); Pradhan Mantri Kaushal Vikash Yojna; Pradhan Mantri Jan Dhan Yojana

4.4 Inequalities of Income Distribution in India- Lorenz Curve; Ginni Coefficient

UNIT 5: Price Rise and Inflation in India

5.1 Factors Responsible for Rising Prices; Effects of Price rise

5.2 Measurement of Inflation: Wholesale Price Index (WPI) and Consumer Price Index (CPI)

5.3 Inflationary Experience in India: Inflation in Post Reform Period

5.4 Government Measures to Contain Inflation: Fiscal and Administrative Measures, Budgetary and Other Measures, Monetary Measures

Suggested Readings-

1. Bhagwati, J. (2012): Reforms and Economic Transformation in India.

2. Kapila, Uma (2008): Indian Economy since Independence (Latest Edition)

3. Puri, V.K. and Mishra, S.K. (2018): Indian Economy, Himalaya Publishing House. (Hindi/English)

4. Dutt, R. and Mahajan, B.D. (2018): Indian Economy, S. Chand Publications, New Delhi. (Hindi/English)

5. Economic Surveys , Govt. of India (Hindi/English)

6. RBI Bulletins

7. Human Development Reports (HDR) of UNDP

SEMESTER-V

ECN-H-DSE-501A-T/ ECN-H-DSE-501B-T/ ECN-H-DSE-501C-T	MATRIX AND OPERATIONS RESEARCH IN ECONOMICS / PRINCIPLES OF AGRICULTURAL ECONOMICS / MONEY AND FINANCIAL MARKETS	(06 Credits, 60 Lectures)

ECN-H-DSE-501A-T

MATRIX AND OPERATIONS RESEARCH IN ECONOMICS
Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100

Pass Marks: (MSE:08+ ESE: 32)= 40
Instruction to Question Setter for :- Mid Semester Examination (MSE):
1⁄2 Hrs. One semester internal Assessment (SIA) of 10 marks

End Semester Examination (ESE): *Full Marks 80, Time 3 Hrs.*

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain 04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered (8x2=16).

Unit 1: Introduction

    1.1   Origin and Development of Operational Research

    1.2   Definition and Meaning of Operational Research

    1.3   Different Phases of an Operational Research Study

    1.4   Scope and Limitations of Operational Research

Unit 2: Basic Matrix Algebra

    2.1: Types of Matrices – Row and Column Vector; Identity; Singular; Diagonal; Symmetric and Skewsymmetric

    2.2: Addition, Subtraction and Multiplication of Matrices

    2.3: Order of Matrices; Transpose of a Matrix; Minor; Cofactors and Inverse of a Matrix

    2.4: Properties of Determinant

    2.5: Rank of a Matrix

    2.6: Solutions of Equations by Matrix Inversion

Unit 3: Game Theory

    3.1: Game Theory: Introduction and Concepts.

    3.2: Pure Strategy: Saddle Point and its Existence

    3.3: Mixed Strategy: Solution by using Dominance Rule and Graphical Method

3.4: Minimax Theorem.

Unit 4: Linear Programming

4.1: Linear Programming: Introduction and Concepts

4.2: Formulation of LPP

4.3: Graphical Solution of Linear Programming.

4.4: Special Cases in LPP

4.5: Duality: Definition of the Dual Problem, Primal –Dual Relationships, Economic Interpretation of Duality

Unit 5: Input-Output Analysis

5.1: Input-Output Analysis, Concept; Static Closed and Open Model; Concept and Measurement.

5.2: Simon – Hawkins condition.

5.3: Determination of Equilibrium Output and Value added

Suggested Readings :

1) Introduction to Operations Research – Concepts and Cases , F.S. Hillier and G.J. Lieberman, Tata McGraw Hill

2) An Introduction to Game Theory, Martin Osbome, Oxford University Press

3) Operations Research – An Introduction , Hamdy A. Taha , Prentice Hall

4) Mathematics for Economists , B.C. Mehta & G.M.K. Madnani , Sultan Chand & Sons , New Delhi

5) Mathematics for Economics and Business , R S Bhardwaj , Excel Books , New Delhi

ECN-H-DSE-501B-T

PRINCIPLES OF AGRICULTURAL ECONOMICS

Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100
Pass Marks: (MSE:08+ ESE: 32)= 40

Instruction to Question Setter for :- Mid Semester Examination (MSE):
1/2 Hrs. One semester internal Assessment (SIA) of 10 marks
End Semester Examination (ESE): Full Marks 80, Time 3 Hrs.

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain 04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered   (8x2=16).

UNIT 1: OVERVIEW OF AGRICULTURAL ECONOMICS

    1.1: Nature and scope of agriculture: Traditional agriculture and its modernization;

    1.2: Role of Agriculture in economic development; Interdependence of Agriculture and Industry

    1.3: Mellor's approach and Lewis Model; Linkages between agriculture and industry; Sustainable agricultural development.

UNIT 2: PRINCIPLES OF AGRICULTURAL ECONOMICS

    2.1: Farm Management; Features and Kinds of farm ownership

    2.2: Farm size and productivity

    2.3: Intensive and extensive cultivation

    2.4: Classification of agricultural products (cash and food crops, cereal and non-cereal crops)

    2.5: Agricultural finance

    2.6: Agriculture marketing

UNIT 3: PRINCIPLES OF AGRICULTURAL PRODUCTION

    3.1: Production and Production Functions

    3.2: Factors-Product Relationship

    3.3: Factor-Factor Relationship

    3.4: Laws of Returns

    3.5: Product-Product Relations

UNIT 4: PRINCIPLES OF AGRICULTURAL COST AND PRICING

    4.1: Cost relationships and Profit maximization

    4.2: Agricultural Price Determination

4.3: Supply behavior in Agriculture

4.4: Risk and uncertainty in Farming

Suggested Readings-

1. Andrew Barkley, Principles of Agricultural Economics , Routledge Taylor and Francies, London and New York.

2. Sadhu, A.N. and Singh Amarjieet : Fundamental of Agricultural Economics, Himalaya Publishing House, New delhi.

3. Lekhi, R.K. & Singh, Joginder: Agricultural Economics-An Indian Perspective, Kalyani Publishers, New Delhi.

4. Raju V.T, & Vishnu Shankar Rao: Economics of Farm Production and Management; Oxford & IBH Publishing Co. Pvt.Ltd.

5. Bilgramy, S.R.: An Introduction to Agricultural Economics

6. Sony, R.N.: Leading Issues in Agricultural Economics

7. Agrawal, N.L.: Hkkjrh; d`f'k dk vFkZra=] jktLFkku fganh xzaFk vdkneh] t;iqj

8. Gupta, P.K.: Agricultural Economics, Vrinda Publicashans Pvt. Ltd.

9. Tyagi, B.P. & Singh, H.P : New Agricultural Economics & Rural Development

ECN-H-DSE-501C-T
MONEY AND FINANCIAL MARKETS

Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100
Pass Marks: (MSE:08+ ESE: 32)= 40
Instruction to Question Setter for :- Mid Semester Examination (MSE):
1/2 Hrs. 0ne semester internal Assessment (SIA) of 10 marks
End Semester Examination (ESE): Full Marks 80, Time 3 Hrs.

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain 04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered   (8x2=16).

Unit 1: Money

1.1: Concept, Functions, Measurement;

1.2: Theories of money supply determination

Unit 2: Financial Institutions

2.1: Role of Financial Markets and Institutions

2.2: Financial Instruments : Cash and Derivative Instruments; Debt and Equity Instruments.

Unit 3: Money Market and Capital Market

3.1: Money Markets: Organisation, Structure; Instruments; Functions and Limitations ; Reforms in India

3.2: Money Market: Organised and Unorganised sector, Characteristics of a developed money market

3.3: Capital Market: Primary and Secondary

3.4: Role of Financial Derivatives and other innovations; Futures and Options; Call and Put options.

3.5: Types of Market: Stock Market, Bond Market , Commodity Market , Derivatives Market

Unit 4: Interest Rates

4.1 : Determination; Sources of interest rate differentials

4.2: Theories of term structure of interest rates

4.3: Interest rates in India

Unit 5: Foreign Exchange Market

5.1: Foreign Exchange; foreign exchange rate; foreign exchange market

5.2: Concept of spot exchange rates and forward exchange rates

5.3: Determination of exchange rates under Fixed and Flexible exchange rate regimes

Suggested Readings-

1.   Richard T. Froyen , Macroeconomics, Pearson Education Asia.

2.   F S Mishkin and   S. G. Eakins,   Financial Markets and   Institutions, Pearson Education

3.   F.J. Fabozzi, F. Modigliani, F. J . Jones, M. G. Ferris, Foundations of Financial Markets and Institutions, Pearson Education

4.   L.M. Bhole and J Mahukud, Financial Institutions and Markets, Tata McGraw Hill

5.   Edward Shapiro, Macroeconomic Analysis, Galgotia Publications, New Delhi

6.   Suraj B. Gupta, Monetary Economics- Institutions, Theory and Practices, S. Chand & Company, New Delhi.

SEMESTER-V

ECN-H-DSE-502A-T/ ECN-H-DSE-502B-T/ ECN-H-DSE-502C-T	ADVANCED STATISTICS FOR ECONOMICS / INDUSTRIAL & LABOUR ECONOMICS / ECONOMICS OF SOCIAL SECTOR	(06 Credits, 60 Lectures)

ECN-H-DSE-502A -T

Advanced Statistics for Economics

Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100
Pass Marks: (MSE:08+ ESE: 32)= 40
Instruction to Question Setter for :- Mid Semester Examination (MSE):
1⁄2 Hrs. One semester internal Assessment (SIA) of 10 marks
End Semester Examination (ESE): Full Marks 80, Time 3 Hrs.

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain 04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered   (8x2=16).

Unit -1: Introduction

1.1: Definition and Types of Descriptive Statistics; Applications of Tools of Descriptive Statistics

1.2: Data Type – Quantitative and Qualitative, Cross- Sectional and Time Series, Panel Data; Dummy Variable Data

1.3: Scales of Measurement – Nominal, Ordinal, Interval and Ratio Scale

1.4: Graphical Representation of Data

Unit -2: Definitions and Theorems of Probability, Probability Distribution and Mathematical Expectation

2.1: Definitions of Probability - Classical, Statistical and Axiomatic

2.2: Theorems of Probability – Addition, Multiplication ; Baye's Theorem and their Applications

2.3: Probability Distribution – Binomial and Normal Distributions; Their Properties and Applications

2.4: Mathematical Expectation – Meaning and Properties

Unit – 3: Sampling Distribution and Estimation

3.1: Sampling Distribution – Distribution of Sample Mean and Variance

3.2: Sampling Distribution and Standard Error; Difference between Large & Small Samples

3.4: Estimation – Point and Interval Estimation; Properties of a Good Estimator

Unit -4: Statistical Hypothesis Testing and Tests based on Large Sample, Small Sample & Chi –Square

4.1: Definition of Hypothesis; Statistical Testing ; Hypothesis Formulation Principle

4.2: Testing Errors – Type I & Type II Errors

4.3: Two tailed and One tailed Tests of Hypothesis

4.4: Z Test – One tailed Test for Difference between Sample Mean and Population Mean; Two tailed test for Difference between the Means of Two Samples

4.5: t Test – One tailed Test for Difference between Sample Mean and Population Mean; Two tailed test for Difference between the Means of Two Independent Samples; Two tailed test for Difference between the Means of Two Dependent Samples

4.6: Chi-Square ($\chi2$) test – Introduction and Application

Suggested Readings-

1) S. P. Gupta, Statistical Methods , Sultan Chand & Sons

2) Daryab Singh , Principles of Statistics , Atlantic

3) Dr. S. M. Shukla, Dr. Shiv PujanSahai , Advanced Statistical Analysis (Hindi Edition) , SahityaBhawan Publication

4) Dr. B. N. Gupta , Sankhiki , SBPD Publication

5) Murray R. Spiegel, John J. Schiller, R.Alu Srinivasan, Schamum's Outlines of Probability and Statistics , Tata Mc. Graw Hill Edition

6) S.C. Gupta and V.K. Kapoor Fundamentals of Mathematical Statistics , Sultan Chand & Sons

7) E.L. Lehmann, Joseph P. Romano , Springer Testing Statistical Hypothesis ,

8) J. Crawshaw and J. Chamber, Advanced Level Statistics , Oxford

ECN-H-DSE-502B -T

INDUSTRIAL AND LABOUR ECONOMICS

Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100
Pass Marks: (MSE:08+ ESE: 32)= 40
Instruction to Question Setter for :- Mid Semester Examination (MSE):
1/2 Hrs. One semester internal Assessment (SIA) of 10 marks
End Semester Examination (ESE): Full Marks 80, Time 3 Hrs.

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain 04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered   (8x2=16).

Unit 1: Industrial Economics: An Introductory Framework

    1.1   Meaning and Definition of Industrial Economics

    1.2   Subject Matter and Nature of Industrial Economics

    1.3   Characteristics, Importance of the study of Industrial Economics

    1.4   Organisation, Ownership and objectives of the Firm.

Unit 2: Industrial Productivity and Finance

    2.1   Meaning of Industrial Productivity

    2.2   Meaning of productivity ; Factors affecting Industrial Productivity, Importance of Productivity

    2.3 Components of Industrial funds; Sources of Industrial finance; Major funding agencies - IDBI, IFCI, SFCs, SIDBI and Indian Commercial Banks.

Unit 3: Industrial Growth Pattern

    3.1   New Industrial Policy in India

    3.2   Role of Public and Private Sector; Performance of Private and Public Sector

    3.3   Problems of Small and Cottage Industries in Economics Development of India.

    3.4   Medium Small and Micro Enterprises (MSME)

Unit 4: Labour Economics and Labour market

    4.1 Meaning and Definition of Labour Economics; Scope and Importance of Labour Economics

    4.2   Nature of Labour Problems

    4.3 Concept of Labour Market; Analysis of Demand and Supply of labour; Factors affecting Demand and Supply of labour

    4.4   Characteristics of labours Market in India.

Unit 5: Wage

5.1 Wage determination, Classical Neo-Classical and Bargaining Theory of wage determination

5.2 Types of wages in India; National wage Policy; State Regulation of Wage; Wage Board in India.

Unit 6: Labour in India and Social Security Measures

6.1 Meaning of Industrial Disputes; Causes and effects of IndustrialDisputes ; Machinery of setting the Industrial Disputes in India

6.2 Concepts of Social Security and labour welfare in India; Social Security Legislations in India; Second National Commission on labour (1999); Arjun sengupta Committee Report

Basic Readings-

1. George, J. Borgai; Labour Economics.

2. Hay, D. and D.J. Morris (1979) Industrial Economics: Theory and Evidences, Oxford University Press, New Delhi.

3. R.R. Burthwal (1985), Industrial economics, Wiley Eastern Ltd., New Delhi.

   4. Singh, A. and Sadhu , A.N. (1988), Industrial Economics, Himalaya Publishing House.

5. Dr. B.P. Tyagi (2009), Economics and social welfare- Revised Edition, Sage Publication, New Delhi.

6. Dr. Kulshrestha, S.R., Audyogik Arthshastra, Sahitya Bhawan Publications

7. Sr. Sinha Pushpa and Dr. Sinha C.B., Shram Arthshatra, S. Publications, D.P.B.

ECN-H-DSE-502C –T

ECONOMICS OF SOCIAL SECTOR

Credits 06, Lectures 60, Tutorials 15 Marks: 20 (MSE)+ 80 (ESE) =100

Pass Marks: (MSE:08+ ESE: 32)= 40
Instruction to Question Setter for :- Mid Semester Examination (MSE):
1/2 Hrs. One semester internal Assessment (SIA) of 10 marks
End Semester Examination (ESE): Full Marks 80, Time 3 Hrs.

Five Questions have to be answered out of total of nine Questions of 16 marks each. Question no 1 is compulsory. Question No.1A will contain 04 MCQ of 02 mark each. Question No.1B will comprise of 02 short answer type questions of 04 marks each (to be answered in about 100 words each). Any four questions from 2 to 9 are to be answered. Question nos. 2 to 8 shall be of descriptive type of 16 marks each. Question no 9 will be of short note type 4 questions, each carrying 8 marks in which any two should be answered   (8x2=16)

Module I: Education and Development
   1.1 Education as public goods; Education as an instrument of economic growth
   1.2   Women's Education; Recent trends in Women Education in India
   1.3   National Committees and Commissions on Education
   1.4   Adult Literacy and Non-Formal Education for economic development.

Module II: Economics of Education
   2.1   Human Capital Vs Physical Capital
   2.2   Demand for Education – Private Demand and Social Demand; Determinants of demand for education
   2.3   Costs of education- Private costs and Social costs; Wastage and Stagnation in education
   2.4 Benefits of education - Private and Social benefits; Cost benefit analysis of education.

Module III: Health-Importance and Economics
   3.1   Importance of Health in Economic Development
   3.2   Meaning of Health; Determinants of health; Various Measurements of Health; Mortality and morbidity factors influencing health
   3.3   Poverty, malnutrition and environmental issues affecting health
   3.4 Economic dimensions of health care – Demand and supply of health care; Financing of health care and resource constraints in health care and its delivery
   3.5   Inequalities in health- class and gender perspectives; Public expenditure on health in India

Module IV Resource Mobilisation in Education and Health

4.1   Pricing problem in education; Role of grants and subsidies in Education

4.2 Public expenditure on education in India; Educational planning in developing countries with special emphasis in India.

4.3   Financing of Health; Private and Public Health Service

4.4   Public Health delivery mechanism; Public Expenditure on Health

Module V: Gender Development Issues in India

5.1   Difference between Sex and Gender; Gender Mainstreaming for development

5.2   Gender Budgeting- Meaning; Gender-Blind, Gender-Neutral and Gender-Redistributive Policies

5.3 Women's education –Importance of Women's Education; Status of Women's education in India; Gender bias in Enrollment and in Drop-outs

5.4   Health status of women in India – Mortality and morbidity factors influencing health and nutrition of Women; Globalization and Women in India.

Suggested Readings-

1   Arya P.P. and B.B. Tandon (Ed) 2004 : Human Resource Development, Deep & Deep Pub. New Delhi.

2   Goel, S.L. and P.N. Gautam (2005) : Human Resource Development in the 21st century, Concept and case studies, Deep & Deep Pub. New Delhi.

3   Meier, Gerald M. amd James' E. Rauch (2010) : Leading issues in economic development, Oxford Univ. Press, New York.

4   Todaro, Michael P and Stephen C. Smith (2003) : Economic Development, Pearson Education Ltd. World Development Report (World Bank)

5   Human Development Report (UNDP)

6   Dominic J Brewer and Patrik J McEvan, Economics of Education, Academic Press

7   Siuli Sarkar, Gender Disparity in India: Unheard Whimpers, PHI Learning

8   Himanshu Shekhar Rout, Prashant Kumar Panda, Gender and Development in India: Dimensions and Strategies, New Century Publications