

M.A. Part -II : Semester-IV (Core Course)
4T1:Economic Growth, Development and Planning – II

Module 1 : Domestic Measures for Economic Development - I

Capital formation and Economic Development
Role of Agriculture and Industry in economic Development
Human Capital formation and economic Development
Institutional Structure and economic Development, Deficit Finance and Eco Development
Poverty and income inequality in developing countries, Problem of Unemployment.

Module 2 : Domestic and International Measures for Economic Development - II

Entrepreneurship and Economic Development, Role of State and Economic Development
Foreign Trade and Foreign Capital and Economic Development, Commercial policy and Economic Development
Foreign Direct Investment and Economic Development, Role of Multinationals and Economic Development
Sustainable Development Goals (SDGs)

Module 3 : Problems of Development Planning

Economic Planning: Meaning, Types, requisites and Problems,
Choice of techniques, Transfer of Technology,
Investment Criteria in economic Development
Shadow Prices-Meaning, Need and Principals
Application of Input-Output analysis and Linear Programming in Planning

Module 4 :Development and Planning in India

The strategy of Development Plan
Financing of Five Years Plan, Assesment of Indian Planning,
Agricultural, Industrial and Infrastructural development during Planning Period.
NITI Aayog – Aims, Objectives, Functions and Structure.
Status of income inequality and poverty during the planning period.

Books Recommended

1. Todaro, Michael P. and Stephen C. Smith, Economic Development, 8e. Delhi : Pearson Education, 2003.
2. Misra, S. K. and Puri, Growth and Development, Mumbai : Himalaya Publishers, 2005.
3. Thirlwall, A.P. Growth and Development 8e. New York : Palgrave McMillan, 2005.
4. Meier, Gerald M. and James E. Rauch, Leading issues in Economic Development, 8e. New Delhi : Oxford University Press.
5. Jhingan M.L.(2015) The Economics Of Development and Planning. Vrinda Publication (P) Ltd, New Delhi

M.A. Part -II: Semester-IV (Core Course)
4T2: International Trade and Finance- II

Module 1: Trade Restrictions :

Free Trade vs. protection. Tariffs : Classification, and effects of tariff- The Partial Equilibrium & General Equilibrium Analysis of a Tariff . The Optimum Tariff. The Stolper Samuelson Theorem on effect of tariff . Non-Tariff Trade Barriers: import quotas, voluntary export restraints, exchange control, subsidies and countervailing measures and commodity agreements. State Trading; International Cartels; Dumping.

Module -2: Economic Integration & international organizations:

Economic Integration: meaning and types. Static and Dynamic effects of a customs union and free trade areas, Regional Trading Arrangements – SAFTA, NAFTA, EFTA, ASEAN, European Union. Recent Development in Economic Integration WTO: structure, functions, major agreements, dispute settlement mechanism, Expected effects on the Indian economy. Other organizations: UNCTAD, IMF, World Bank and Asian Development Bank – Their Achievements and failures.

Module 3: Balance of Payment & Foreign Exchange system:

Balance of Payment: Concept and components; disequilibrium in balance of Payments- Causes of disequilibrium. Traditional, absorption and monetary approaches for adjustment in balance of payment. Foreign Trade Multiplier-concept and working. Foreign exchange rate: meaning, types. Exchange Rate Theories: Mint Par Parity Theory, Purchasing Power Parity Theory. Optimum currency area.

Module 4: Foreign Capital & Trade Policies in India

FDI: Concept and Effects of FDI. MNCs: Role, working and regulations of MNCs in India. Recent changes in the direction and compositions of trade and their implication, Instruments of export promotion and recent import and export policies of India.

Books Recommended:

1. Jhingan M.L., International Trade & Finance, 2014, Vrinda Publication, New Delhi.
2. Cherunilum Francis (2008), International Economics, Tata McGraw Hill.
3. Mithani D.M., International Economics, Himalaya Publishing house, Nagpur.
4. Salvatore Dominick (2002), International Economics, (Latest edition), John Wiley and Sons, Singapore
5. Feenstra Robert C. (2004), International Trade: Theory and Evidence, Princeton, University Press, Princeton.

M.A. Part -II : Semester-IV (Elective Course- Group G) 4T3: Financial Institutions and Markets-II

Module 1: Money Market

Meaning, Function and instrument of the money market, Meaning, function and instruments of capital market, Distinction & relationship between money and capital market. Defects and Suggestions to Improve Indian Money Market; Recent Developments in Indian Money Market.

Module 2: Primary Capital Market

Functions, Structure, Importance, Factors affecting development of Indian capital market. Primary Capital Market in India: Methods of issue of new shares- Public Issue, Right issue & Private placement. Free pricing regime, book-building, green-shoe option, on-line IPOs. Reforms in Primary Capital Market. Recent trends in

Primary market. SEBI and its role in the market.

Module 3: Secondary Capital Market

Meaning, functions of secondary market. Regulations in secondary capital markets. Trading system- Clearing and settlement mechanisms; Stock exchanges in India & their Functions ; Dematerialization of shares; Debt market in India: Characteristics, components, problems Derivative market: Meaning, types & uses.

Module 4: International Financial Markets

Foreign Exchange Market:, Nature and role of foreign exchange market, players in the market rates. Recent trends in exchange rates and its impact on India Rise and fall of Bretton wood Institutions. International financial flows: types, importance and problems. Euro-dollar and Euro-Currency markets: their developmental role and regulation at the International level. Global Financial Crisis 2008- Its causes and impact on developing and developed economies

Books Recommended:

1. Bhole L M, 5th edition, Financial Institutions & Markets, Tata McGraw, New Delhi.
2. Khan, M.Y., Indian Financial System, Tata McGraw Hill, New Delhi.
3. Pathak Bharti, 2009, Indian Financial System, Pearson Education Publication, New Delhi
4. Shrivastava P.K., Banking Theory and Practice, Himalaya Publishing House, New Delhi, 2009.
5. RBI Bulletin and various RBI Report.

**M.A. Part -II: Semester-IV
(Elective Course- Group G)
4T4 : Economics of Marketing**

Module 1 Introduction to Marketing:

Meaning of Market and Marketing-Goals or objective of Marketing-Marketing functions.

Marketing Management: Meaning, philosophies: production, product, selling and marketing concept.

Marketing planning – Marketing Environment-Market Segmentation

Consumer Behaviour: Types of buying situations, participants factors, buying process.

Module 2 : Marketing Mix:

Concepts, components: Product mix, price mix, promotion mix and place mix.

Product: Meaning, product planning, product positioning

New product development - product life cycle.

Pricing: pricing objectives- Factors- Methods and procedures.

Module 3 : Advertising and Sales Promotion:

Meaning of promotion mix-Components of promotion mix.

Advertising: Message, advertisement budgeting-Sales promotion, personal selling and publicity.

Purpose and scope of Advertising - Major decisions on advertising.

Choice of Media - Advertising Budget, Sales Promotion measures – AIDAS formula

Module 4 : Distribution:

Sales Force - Task of Salesman - Size of Sales Force - Recruiting - Training - Motivation

Evaluation of sales force.

Channels of Distribution-Need, functions, types, evaluating the channel alternatives

Physical Distribution: Objectives, order processing, transport, storages and warehousing, inventory control.

Marketing control: Meaning, types, steps essentials of effective marketing control

Marketing & Society: Consumer protection: Needs, Methods of consumer

protection , consumer protection in India.

Books Recommended :

1. Cravens., Marketing Management (Irvin Publishers, 1988)
2. Joseph P. Gultiman., Marketing Management (New York: McGraw Hill Co 1997)
3. Malhotra., Marketing Management (Amol Publication 1997)
4. Neelamegam., Marketing Management and the Indian Economy (New Delhi: VikasPublilhers 1970).
5. Philip Kotler,., Marketing Management (New Delhi: Prentice Hall 1988)
6. Philip Kotler: : Principles of Marketing-Prentice of India Private Limited. New Delhi
7. Pillai and Bhagavathi., Marketing Management (New Delhi: Chand & Co 1999)
8. Davar R.S.: Modern Marketing Management – Progressive Corporation, Bombay.
9. Rajan Nair., Marketing Management (New Delhi: Chand & Co 1993) Rustom, S.Davar., Modern Marketing Management (New Delhi: Progressive Corporation 1982)
10. Jha S.M.& : Marketing Management in Indian
11. Singh S.P.Perspective - Himalaya Publishing House. Delhi.
12. Stanton., Fundamental of Marketing (New York: McGraw Hill 1987)

**M.A. Part -II: Semester-IV
(Elective Course- Group G)
4T5: Computer Application in Economics**

Module 1: Introduction to Computers

Introduction: Meaning, Characteristics, types of Computers, The Evolution of Computers, and The Computer Generations.

Components of a computer : Basic components of computer – Input-output devices : CPU, keyboard, mouse & Scanner, video display, printers and plotters, data storage and retrieval, hard disk, Floppy disk and CD ROM;

Classification of Computers: Notebook Computers, Personal Computers (PCs), Workstations, Mainframe Systems, Supercomputers and Clients and Servers

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Module 2: Introduction to Operating System

Operating System: Microsoft Disk Operating Systems (MS DOS), Operating System - Objectives, Features and Characteristics of Operating System, Computer Network, Working of My Documents, My computer, Internet Explorer, Network Neighbourhood.

Features, working and facilities in MS-Word, MS-Excel, MS-PowerPoint.

Module 3: Statistical Analysis of Data

Data: Meaning, types and sources of data.,Data Base Management Systems (DBMS), Relational Database Management System (RDBMS)

Use of software packages in analyzing data, obtaining results and presenting them in meaningful and interpretable forms, Statistical Packages for Social Sciences.

Module 4 : Application in Finance & Economics and Internet

On line Banking: ATM's, Electronic stock exchange, Electronic trading, Data sharing and decimation, Electronic trading –B2B, B2C and C2C. Introduction to Internet.Application of Internet (WWW, E-mail),Use of Internet in Research.

Books Recommended :

- 1 Atul Kahate, Information Technology and Numerical Methods, Tata McGraw Hill, New Delhi, 2003.
- 2 Dass and Singh (2006): Introduction to Computers, Shree Publishers and Distributors, New Delhi.
- 3 Garden B.Davis, Computer data processing, Tata Mc.Grawa Hill Publishing Co., Ltd., New Delhi.
- 4 James Senn, Analysis and Design of information systems, Tata McGraw Hill Publishing Co., New
- 5 Kalicharan, Noel: Introduction to Computers, Cambridge University Press.
- 6 Kathuinemurray, BPB Publications, Mastering PowerPoint 4 for Windows.
- 7 Norton Peter: Introduction to Computers, Tata McGraw Hill, New York.
- 8 Rajaraman, V. (1996), Fundamentals of Computers, prentice Hall of Indian, New Delhi.
- 9 Sanders, D.H. (1988): computers Today, McGraw Hill, New York.
- 10 Saxena, Sanjay: A First Course in Computers, Prentice hall of India, New Delhi
- 11 Sinha P.K. (1992), Computer Fundamentals, BPB Publications, New Delhi.

M.A. Part – II : Semester – IV (Elective Course- Group G) 4T6: Rural Development

Module 1: Nature and Scope of Rural Development

Rural Development; Concept, Objectives, Indicators, Importance, & Challenges of Rural Development;

Rural-Urban Development- Linkages, Disparity and Relationship, Characteristics of the Rural Sector, Role of Agricultural Technology, Allied Sector

Role of Non-Agricultural sub-sector- Nature of changes since Independence- Challenges & opportunities.

Rural Infrastructure : need, status and development. Approaches to development: Gandian and PURA.

Rural Administrative Machinery- 73rd Constitutional Amendment

Module 2: Problem of Rural Development

Rural Poverty- Concept, Measurement, Regional Pattern, Causes and remedial measures;

Rural Unemployment- Concept, Measurement and Types.

Regional Pattern and Causes of Unemployment, rural labour problem, Rural Migration- causes and implications

Small-scale & Cottage Industries - Progress and Problems and Remedial Measures.

Problem of Inequality in rural India, Magnitude, causes & remedial measures

Module 3: Financing Rural Development:

Rural Indebtedness – Problems, effects/ remedies & present situation

Rural Financial structure - Role of Co-operatives, Commercial Banks and non-institutional sources of credit, RRBs-Working of RRBs and its role in Rural Development NABARD, Land Development Bank, State Co-operative Banks, SHGs.

Microfinance institutions in India, Kisan Credit Cards

Module 4: Rural Development Strategies and Programmes

Diversification of Agriculture-Dairy Farming, Fishery, and Farm Forestry

Rural Industrialisation- Importance, Programmes, Technological change

Review of Poverty Alleviation and Employment Generation Programmes in India,

Wage Employment Programmes - IRDP- DWCRA- NREP- TRYSEM, MGNERGA, SJGRY

20 point programme& Rural Housing programmes, Community Development Programme

National Programmes of Rural Development, Indira AwasYojna

Food & nutrition security & programme

NGO - Concept, Objectives, Indicators, Importance and role

Books Recommended:

1. Desai, Vasant - Study of Rural Economics, Himalaya Publishing Company, New Delhi.
2. KanakKantiBagchi – Employment and Poverty Alleviation Programmes in India – An Appraisal (2 vols) (Abhijeet Publications, New Delhi)
3. Mishra Puri – Indian Economy, Himayala Publishing House, Mumbai..
4. 10.Gupta p,k –Agriculture Economics,Vrinda publication private limited,New Delhi
5. Desai, Vasant**Fundamentals of Rural Development**, New Delhi: Rawat Publications, 1991
6. Narwani, G.S. **Training for Rural Development**, New Delhi: Rawat Publications, 2002.
7. Dr. Sundaram, I. Satya. **Rural Development**. Mumbai: Himalaya Publishing House, 2002.
8. Datt ,Sundaram - Indian Economy , S.Chand and Company, New Delhi.
- 9 डॉ. क-हाडेबी. एम. **समाजशास्त्र : प्रश्न व समस्या**पिंपळापुरेअॅण्ड कं. पब्लिशर्स, नागपूर 2009
- 10 डॉ. आगलावे, **प्रदिपभारतीय समाज-प्रश्नआणिसमस्या 2002**
- 11 डॉ. महाजन, **संजिवआधुनिकभारतमेंसमाजिकपरिवर्तन**अर्जुनपब्लिशिंगहाउस, अंसारीरोड, दरियागंज, नईदिल्ली 2001
- 12 प्रा. डॉ. बोंबडे, **प्रकाशभारतीय समाजरचना: पारंपारिकआधुनिकश्री. मंगेशप्रकाशन, श्री. शांतीदुर्गानिवास, 23 नवीरामदासपेट, नागपूर 1998**
- 13 डॉ. क-हाडेबी. एम. **ग्रामीण व नागरीसमाजशास्त्र** पिंपळापुरेअॅण्ड कं. पब्लिशर्स, नागपूर 2005
- 14 डॉ. झामरेजी. एन. **भारतीय अर्थव्यवस्था , विकास व पर्यावरणात्मकअर्थशास्त्र** पिंपळापुरेअॅण्ड कं. पब्लिशर्स, नागपूर 2006

**M.A. Part – II : Semester – IV
(Elective Course- Group G)
4T7: Advanced Econometrics**

Module 1: Simultaneous Equation Models

Simultaneous Equation Model – Meaning, Nature, Consequences, Simultaneous equation bias and inconsistency of OLS estimates;

The Identification Problem- Rules of Identification – Order and Rank Conditions;

Methods of Simultaneous Equation- Reduced form, Instrumental Variable and 2SLS

Module 2: Time Series Analysis

Concepts - Stationary, Non-Stationary, Unit roots, Co-integration, Spurious regression, Random Walk Model. Dickey-Fuller and Phillips-Perron approaches to Unit Root test

Forecasting with AR, MA and ARIMA Modeling, Box-Jenkins methodology- Identification, Estimation and Diagnostic Test.

Co-integration and Error Correction models

Module 3: Panel Data Techniques

Panel Data Techniques- Meaning- Nature, and Importance

Estimation of Panel Data Regression- Random Effects Model and Fixed Effects Model; Applications of Panel Data in Economic Analysis

Module 4: Multivariate Analysis

Multivariate Analysis- Introduction and Applications in economics, Principal Component Analysis, Discriminant Analysis and Factor Analysis

Books Recommended:

1. Gujarati D.N., Basic Econometrics, McGraw Hill, New Delhi.
2. Dongherty C (1992), Introduction to Econometrics, oxford University Press, New York.
3. Koutsoyiannis, A. (1977), Theory of Econometrics (2nd ed), The Macmillan Press Ltd., London.
4. William H. Greene. (2008) Econometric Analysis. Pearson Education Publication New Delhi
5. Wooldridge, J., (2009) Introductory Econometrics: A Modern Approach, Cengage Learning Publication.
6. Johnson Richard and Wichern Dean (2014), ‘Applied Multivariate Statistical Analysis,’ PHI Learning Pvt. Ltd. Delhi
7. Dhanasekaran K., (2014) Econometrics (Ed. 2), Vrinda Publication, New Delhi,

M.A. Part – II : Semester – IV
(Foundation Course)
(For the students of other Department)
4T8: Economics-II

Unit I: International Trade & foreign exchange market: Meaning, importance and reasons for International trade. Free trade vs. protected trade. Balance of Payments – concept, reasons for disequilibrium and methods to correct it. Foreign exchange rates- meaning, determination of foreign exchange rates, Causes of changes in foreign exchange rate. Fixed and flexible exchange rate policy- meaning, merits and demerits.

Unit II: Economic Growth: Economic Development and Growth- meaning, indicators, Factors and measurements Characteristics of Developing and Developed countries Sustainable Development- concept and importance, Characteristics of Developing Countries, Human Development Indices: PQLI and HDI.

Unit III: Indian Economy: Features and Characteristics of the Indian Economy, Demographic features. Growth and Structural Change in the Indian Economy.Objectives and strategy of planning in India.Failures and achievements of Plans.

Unit IV: Economy of Maharashtra: Features of Economy of Maharashtra: Gross State and Per Capita Income, Demographic Features, HDI. Sectoral composition of Maharashtra: Agriculture, Industry, Cooperative Sector. Structural changes in the Economy of maharashtra. Regional Disparity in Maharashtra.

Books Recommended:

1. Jhingan M.L., Money, Banking, International trade and Public Finance, 8th Edition, Vrinda Pub, New Delhi.
2. Bhatia, H.L. (2000): Public Finance, Vikas Publishing House Pvt. Ltd. Delhi.
3. Bharti Pathak : Indian financial system, Pearson publication
4. Economic survey of Maharashtra, Govt. of Maharashtra, DES.
5. Dewett K. K., Modern Economic Theory, S. Chand & Company Ltd., Revised Edition, 2005.

M.A. Part – II : Semester – IV
(Core Course- Group H)
4T9: Welfare Economics

Module 1: Pre-Paretian Welfare Economics

Definition and nature of welfare economics

Pigovian Welfare Economics, Benthamite approach to aggregate welfare

Optimum resource allocation and welfare maximisation

Marshallian welfare economics

Consumer's Surplus; Measurement of Consumer's Surplus —Difficulties involved, Criticism;

Principle of Compensating Variation; Hicks's Consumer's surpluses.

Module 2 :Paretian Welfare Economics – I

Pareto optimality- Optimum exchange conditions,

The consumption optimum, the production optimum,

Infinite number of non- Comparable optima vs unique social optima

Concept of contract curve;

Compensation criteria: contribution of Barone, Kaldor and Hicks

Scitovsky double criteria

Module 3 :Paretian Welfare Economics - II

Concept of community indifference map

Samuelson utility possibility curve

Value judgment and welfare economics

Bergson's social welfare function

Arrow's impossibility theorem

Module 4: Some later developments

Problems of non market interdependence

Externalities of production and consumption

External economies and diseconomies, Problem of public goods.

Divergence between Private and social costs

Marginal cost pricing; Cost-benefit analysis;

Books Recommended :

1. Arrow K.J., Social Choice and Individual Values, Yale University Press, New haven
2. Baumol W.J., Welfare Economics and the theory of the State, Longmans, London
3. Fieldman A. M. Welfare Economics and Oscila Chice Theory, Martinus Nijhoff Boston
4. Myint H, Theories of Welfare economics, Longman
5. Nicolas B., Economic theory and the A Welfare State, Edward Elgar Publishing, UK
6. Quirk J and Sapsnik, Introduction to General Equilibrium Theory and Welfare Economics, McGraw Hill, New York

M.A. Part – II : Semester – IV
(Core Course- Group H)
4T10: Research Methodology- II

Module 1 -Data Processing and Statistical Analysis

Data Processing Meaning, Significance and problems in data processing

Stages in data processing: Editing, Coding, Classification, Tabulation, Graphical Presentation

Statistical Analysis -Tools & Techniques-Measures of Central Tendency, Dispersion Analysis, Correlation Analysis, Regression Analysis

Module 2-Hypothesis Testing & Interpretation of Data

Testing of Hypothesis: Steps in Hypothesis Testing, Procedure for Testing Hypothesis, Types of

Hypothesis Testing –Parametric –t, f,z,tests Non-Parametric-Chi square, ANOVA

Interpretation of Data-Meaning, Significance and Precautions in data interpretation

Module 3 -Research Report

Research Report: Meaning and Importance of research report writing, Essentials of a good Research Report, Structure/ layout of Research Report, Types of Research Report, Steps in research report writing, Footnotes and Bibliography,

References and Citation methods- APA (American Psychological Association, MLA (Modern Language Association) and CMS (Chicago Manual Style)

Module IV -Ethics and Modern practices in Research

Ethics -Ethical Norms in Research ,Ethical Issues in Research –Plagiarism

Role of Computer in Research- Data sheet preparation –coding, Application of Statistical software – Excel and Mega stat. Introduction to SPSS, creating data Sheet using SPSS, Case analysis using SPSS

References

1. Goode and Hatt -Methods in Social Surveys and Research
2. Wilkinson and Bhandarkar -Methodology and Techniques of Social research
3. Sadhu and Singh -Research Methodology in Social Sciences
4. Kurein C. T. A guide to research in Economics.
5. Research Methodology Text and Cases with SPSS Applications, by Dr S.L. Gupta and Hitesh Gupta, International Book House Pvt Ltd
6. Methodology of Research in Social Sciences, by O.R. Krishnaswami, Himalaya Publishing House
7. Research Methodology, Methods and Techniques by C.R Kothari
8. Research Methodology by Dr Vijay Upagude and Dr Arvind Shende
9. Quantitative Techniques by Dr S. K Khandelwal, International Book House Pvt Ltd
10. Foundations of Social Research and Econometrics Techniques by S.C. Srivastava, Himalaya publishing House
11. Statistical Analysis with Business and Economics Applications, Hold Rinehart &Wrintston, 2nd Edition, New York

12. Research Methods in Economics and Business by R. Gerber and P.J. Verdoom, The Macmillan Company, New York