SYLLABI AND COURSES OF READING FOR B.A. (Hons.) and M.A. (Hons.) 5 YEARS INTEGRATED COURSE (I – VI SEMESTERS) w.e.f. the session 2013-14

Semester-I   2013-14

Paper. No.	Nomenclature	Theory	Internal Assessment	Total
I .1	Indian Economy: Problems and Prospects –I	80	20	100
I .2	Micro Economics-I	80	20	100
I .3	Mathematics for Economic Analysis –I	80	20	100
I .4	Sociology – I	80	20	100
I .5	English –I	80	20	100

Total =500

Semester-II

II .1	Indian Economy: Problems and Prospects-II	80	20	100
II .2	Micro Economics-II	80	20	100
II .3	Mathematics for Economic Analysis – II	80	20	100
II .4	Sociology –II	80	20	100
II .5	English –II	80	20	100

Total   500

Total of I & II Semester = 1000

Semester-III 2014-15

III .1	Economic History of India 1857-1947	80	20	100
III .2	Macro Economics-I	80	20	100
III .3	Development Economics – I	80	20	100
III .4	Accounting & Financial Management	80	20	100
III .5	Statistics for Economic Analysis-I	80	20	100

Total   500

Total of I, II & III Semester   = 1500

Semester-IV

IV .1	Computer Applications in Economic Analysis	80	20	100
IV .2	Macro Economics – II	80	20	100
IV .3	Development Economics- II	80	20	100
IV .4	Economics of Agriculture	80	20	100
IV .5	Statistics for Economic Analysis-II	80	20	100

Total   500

Total of I, II, III & IV Semester= 2000

Semester- V   2015-16

V .1	History of Economic Thought-I	80	20	100
V .2	Econometrics	80	20	100
V .3	Basics of Financial Markets	80	20	100
V .4	Economics of Industry	80	20	100
V .5	International Economics I	80	20	100

Total   500

Total of I, II, III, IV &V Semester =2500

Semester-VI

VI.1	History of Economic Thought-II	80	20	100
VI.2	Human Resource Development	80	20	100
VI.3	Economics of Public Finance	80	20	100
VI.4	Environmental Economics	80	20	100
VI.5	International Economics II	80	20	100

Total   500

Grand Total of I to VI Semester =3000

I .1 – INDIAN ECONOMY: PROBLEMS AND PROSPECTS –I

Max. Marks: 80   **Time: 3 Hrs.**

UNIT - I
Introduction to Indian Economy – Basic characteristics and features of Indian economy. Economic Planning in India : Features , Objectives and Assessment of Indian Planning. (Plan wise details to be excluded).

UNIT - II
Demographic features of India's population. Inter-state disparities in the pattern of development. Structural Change in the distribution of Income and Workforce in India.

UNIT – III
Poverty and unemployment in India. Programmes for eradication of poverty and unemployment with special reference to the post – reform era.

UNIT – IV
Agriculture: Features of Indian Agriculture. Impact of Green Revolution on Indian Agriculture. Recent Trends in Agricultural Development -- Causes of Deceleration and Future Challenges

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings:
- Brahmananda, P.R. and Panchmukhi : The Development Process of Indian Economy, V.R. (eds.) 1987 Himalaya Publishing House, Bombay.
- Lucas ,E.B., and Papanek, G.F.: The Indian Economy- Recent Developments and (eds.) 1988 Future Prospects, Oxford University Press, New Delhi.
- Jalan, Bimal 1992 : The Indian Economy – Problem and Prospects, Viking, New Delhi.
- Byres, T J (Ed.) (1998): The Indian Economy: Major Debate Since Independence, Oxford University Press, New Delhi.
- Economic Survey: Government of India. Various Issues.
- Economic and Political Weekly: Various Issues

Max. Marks: 80   **Time: 3 Hrs**

UNIT-I
Introduction and basic concepts: Nature and scope of micro economics, Basic Economic Problem - Choice and Scarcity, Methodology of Economics -Inductive and Deductive methods, Positive vs. Normative Economics, Static and Dynamic Analysis, Partial vs. General Equilibrium Analysis.

UNIT –II
Demand analysis: Law of Demand, demand of a firm and Market; Elasticity of Demand - Price, Cross and Income Elasticity of Demand - Measurement of price Elasticity of Demand; Consumer Behaviour: Theories of Demand; Cardinal Utility approach; Indifference curve, Consumers equilibrium. Price, Income and Substitution effects (Hicks Allen & Slutsky method), Revealed Preference Theory.

UNIT-III
Theory of production and cost: Production Function - The Law of Variable Proportions; Returns to Scale-Isoquant; Least Cost Combination and Producer's Equilibrium, Traditional and Modern theories of Costs, Cost-output relation.

UNIT-IV
Price and output determination: Prefect competition: Features, Price determination in short and long run Equilibrium of Firm and Industry, Monopolistic competition – features, equilibrium of the firm with product differentiation and selling cost. Monopoly: Price and output determination, Price discrimination, Bilateral Monopoly

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings
- Koutsoyiannis, A: (1979): Modern Microeconomics (2nd ed), Macmillan Press, London.
- Sen, A (1999): Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
- Varian, H(2000): Microeconomic Analysis, W.W. Norton, New York.
- Baumol, W.J: (1982): Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
- Bain, J (1958): Barriers to New Competition, Harvard University Press, Harvard
- Henderson, J.M. and Quandt (1980): Micro Economic Theory: A Mathematical Approach, Mc Graw Hill, New Delhi.
- Ahuja, H.L. (2006): Advanced Economic Theory, Sultan Chand and Co., New Delhi.

I .3 – MATHEMATICS FOR ECONOMIC ANALYSIS-I

Max.Marks: 80   **Time: 3 Hrs.**

UNIT - I
Basic Concepts : Variables and Parameters; Sets; Functions and their graphs; concepts of Limits; Equations – simple, quadratic and simultaneous and Identities; Equations of a straight line, concept of slope; Equation and interpretation of Rectangular Hyperbola, Logarithms and exponents

UNIT – II
Series – Arithmetic and Geometric; Rate of growth and its Measurement, Present Value and its Applications. Annuities: value; Simple Differentiation – concept and applications.

UNIT - III
Partial and Total differentiation; Homogenous function and Euler's Theorem; Maxima and Minima of Functions of one and two variables; Constrained Optimization Problem (with maximum three variables). <u>Integration</u> of a function; Methods of Substitution and Partial fractions; Integration by parts.

UNIT - IV
Applications: Simple and Direct Applications of the above Concepts in economics: Concept of elasticity; Elasticity of demand; Average and Marginal functions; Interrelationships among total, marginal and average cost and revenues
 Optimization problems relating to revenue, cost, profit, utility and production; Consumer's surplus and producer's surplus.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings
- Chiang, Alpha C (1984): Fundamental Methods of Mathematical Economics (3rd Ed.)
- Weber, Jean E (1982) : Mathematical Analysis Business and Economic Applications
              (4th Ed.)
- Yamane, Taro (1972) : Mathematics for Economists

- Allen, R G D (1983)   : Mathematical Analysis for Economists
- Kooros, A (1965)   : Elements of Mathematical Economics
- Monga, G S (2000)   : Mathematics and Statistics for Economists
   Arora, P N & Arora S (2000) : CA Foundation Course in Mathematics
- Bose, D C (1996)   : An Introduction to Mathematical Economics.

I .4 - SOCIOLOGY – I
BASIC CONCEPTS IN SOCIOLOGY

Max.Marks: 80   **Time: 3 Hrs.**

<div align="center">

UNIT – I
</div>

Nature, Definition & Scope of Sociology: Its Relationship with History, Economics, Political Science, Anthropology and Psychology

<div align="center">

UNIT – II
</div>

Basic Concepts: Its Nature and Characteristics, Social Structure, Status & Role, Society, Community, Association, Norms and Values

<div align="center">

UNIT – III
</div>

Social Groups and Processes: Nature, Definition & Types: Primary Secondary & Reference Group, Integration, Cooperation and Conflict

<div align="center">

UNIT – IV
</div>

Socialization and Social Institutions: Definition, Stages and Agencies of Socialization; Nature, Characteristics and Significance of Economic and Political Institutions

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings :
- Ahuja, Ram (2001): **Indian Social System,** New Delhi: Rawat Publication.
- Ahuja, Ram (2003): **Society in India,** New Delhi: Rawat Publication.
- Bottomore, T.B. (1972): **Sociology: A Guide to Problems and Literature,** Bombay: George Allen and Unwin (India).
- Fulcher & Scott (2003: **Sociology,** New York: Oxford University Press.
- Giddens, Anthony (2005): **Sociology,** Polity Press.
- Harlambos, M. (1998): **Sociology: Themes and Perspective,** New Delhi: Oxford University Press.
- Harlambos & Holborn (2000): **Sociology,** London: Harper-Collins.
- Inkeles, Alex (1987): **What is Sociology?** New Delhi: Prentice-Hall of India.
- Johnson, Harry M. (1995): **Sociology: A Systematic Introduction,** New Delhi: Allied Publishers.
- MacIver and Page (1974): **Society: An Introductory Analysis**, New Delhi: Macmillan & co.
- P. Gisbert (2010): **Fundamental of Sociology**, New Delhi: Orient Blackswan.

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I .5 – ENGLISH - I
LITERATURE AND LANGUAGE-I
</div>

Max.Marks: 80   **Time: 3 Hrs.**

Part-A   Poetry

The following poems from *The Chronicles of Time* edited by Asha Kadyan (Oxford University Press)

a)   "Let Me Not to the Marriage of True Minds" by William Shakespeare
b)   "Death Be Not Proud" by John Donne
c)   "On His Blindness" by John Milton
d)   "Shadwell" by John Dryden
e)   "Know Then Thyself" by Alexander Pope
f)   "The Little Black Boy" by William Blake
g)   "Three Years She Grew in Sun and Shower" by William Wordsworth

Part-B   Phonetics and Grammar

i)   **Phonetics**: Introduction to the Sound System of English: Phonetics Symbols,   Organs of Speech, Transcription of Words (Oxford Advance Learners' Dictionary by Hornby to be followed).
ii)   **Grammar:** Parts of Speech, Types of Sentences, Common Errors, Technical Writing (application writing, business letter).

Instructions for the paper-setter and the students

Q. No. 1 Explanation with reference to the context. The students will be required to attempt two passages out of the given four from the book of poems.   8x2=16
Q.No. 2 Two questions (with internal choice) will be asked based on theme, central idea, message and narrative technique of the poem   8x2=16
Q. No. 3 The question will be based on the Sound System of English language having internal choice 16
Q.No. 4 The question will be based on grammar. There will be internal choice with 16 sentences out of 24 to be attempted.   16
Q. No. 5 The question will be based on technical writing. There will be internal choice.   16

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading:
- High School Grammar by Wren and Martin.
- Remedial English Grammar for Foreign Students by F.T. Wood.
- Suggesteds of Communication by D.G.Saxena

II .1 – INDIAN ECONOMY: PROBLEMS AND PROSPECTS –II

Max.Marks: 80   **Time: 3 Hrs.**

UNIT – I

Features and Characteristics on Indian Economy. Agriculture: Importance of Agriculture; Causes of backwardness and low productivity; Land Reforms: Need, Implementation and Critical Evaluatiaon.

UNIT -II

Industry: Problems of Industrial Development; Public and Private Sector; Recent Industrial policy. Role and Problems of Small and large Scale Industries; Major large scale industries: Iron and Steel, Petroleum.

UNIT-III

Principles features of Indian Tax structure. Division of financial resources between centre and their states; Direction and composition of exports and imports and changes therein since 1991.

UNIT-IV

Features of Economic reforms and structural adjustment programme: Libralization, Privatization and Globalization, appraisal of Economic reform programme.

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings:
- Ahluwalia, I.J. and Little, IMD: India's Economic Reforms and Development. (eds.) 1998 (Essays in Honour of Manmohan Singh), OUP, New Delhi.
- Krueger,A.O. (Ed) 2003 Economic Policy Reforms and the Indian Economy, Oxford University Press, New Delhi.
- Ramaswamy,V.S. and Namakumari, S 1999: Strategic Planning and Formulation of Corporate Strategy—Text and Cases , Macmillan, New Delhi.
- Nagaraj, R. 2006: Aspects of India's Economic Growth and Reforms, Academic Foundation, New Delhi.
- Rosen, George 1988: Industrial Change in India 1970 – 2000, Allied Publishers, New Delhi.
- Economic Survey: Government of India: Various Issues.
- Economic and Political Weekly: Various Issues

Max. Marks: 80   **Time: 3 Hrs**

UNIT-I

Price and output determination: Oligopoly-Price and output determination – Non Collusive: Cournot, Kink demand curve and price rigidity, Collusive: Price leadership, Cartels.

UNIT-II

Alternative Theories of the Firm: Critical evaluation of marginal analysis; Baumal's sales revenue maximization model(simple static with advertisement model); Full-cost pricing rule; Bain's,limit pricing theory.

UNIT-III

Theory of Factor Pricing: Market for Factor Inputs: (largely with reference to Labour): A Firms's and Market Demand for a labour (with one and several variable inputs) and its determinations. Supply of labour to a firm and the Market.

Equilibrium Wage Rate and Employment under:-

    (i)   Competitive Factor and Product Market
    (ii)   Monopsonistic buyer of Labour and perfect competition in Labour market
    (iii)   Imperfect competition in product market and Trade Union Monopoly
    (iv)   Bilateral Monopoly

UNIT-IV

Welfare Economics: Conditions of Pareto Optimality; Pareto efficiency versus Pareto optimality, Market failure and its causes; Markets with Imperfect competition; consumption and production externalities; public goods. Ways for correcting it.

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings

- Kreps, David M. (1990), A Course in Microeconomic Theory, Princeton University Press, Princeton.
- Koutsoyiannis, A. (1979), Modern Microeconomics, (2nd Edition), Macmillan Press, London.
- Layard, P.R.G. and A.W. Walters (1978), Microeconomic Theory, McGraw Hill, New York.
- Sen, A. (1999), Microeconomics: Theory and Applications, Oxford University Press, New Delhi.
- Varian, H. (2000), Microeconomic Analysis, W.W. Norton, New York.
- Manikiw Gregory N (1968): PRINCIPLE OF Economics , 3rd Edition, Thomson; 3rd Indian Reprint (2007)
- Bownol, Williem J and Blinder; Micro Economics; Principles of Policy 9th Edition;   Thomson, First Indian Edition (2007)

II .3 – MATHEMATICS FOR ECONOMIC ANALYSIS – II

Max.Marks: 80   **Time: 3 Hrs.**

UNIT - I

Matrices and Determinants : Types; Transpose, trace, adjoint and Inverse of matrices; Solution of a system of two and three equations by Matrix Inverse and Cramer's methods; Linear independence and Linear dependence of vectors; Rank of a matrix; Simple Application questions. Application in Input-Output analysis.

UNIT - II

Differential Equation : Introduction; Solution: Variable separable case, Homogeneous case, Standard linear differential equation, Bernoulli's form, Exact equation; Solution of linear differential equation with constant coefficients; Simple Application questions.

UNIT - III

Difference Equation: Introduction; Solution of difference equations upto 2th order. Simple Application questions.

UNIT - IV

Linear Programming: Formulation and Solution by Graphic method & Simplex method.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings
- Chiang, Alpha C (1984): Fundamental Methods of Mathematical Economics (3rd Ed.)
- Weber, Jean E (1982) : Mathematical Analysis: Business and Economic Applications (4th Ed.)
- Yamane, Taro (1972) : Mathematics for Economists
- Allen, R G D (1983)   : Mathematical Analysis for Economists Macmillan & Co. Ltd., 1965
- Kooros, A (1965)   : Elements of Mathematical Economics
- Monga, G S (2000)   : Mathematics and Statistics for Economists Vikas Publishing House, N Delhi
- Arora, P N & Arora S (2000) : CA Foundation Course in Mathematics.
- Bose, D C (1996)   : An Introduction to Mathematical Economics. Himalaya Publishing House, Bombay
- Dorfman, R et.el. (1968): Linear Programming and Economic Analysis McGraw   Hill, New York
- Baumol, W J (1978)   : Linear Programming and Economic Analysis McGraw Hill,   New York

II .4 SOCIOLOGY – II
SOCIETY, CULTURE AND SOCIAL CHANGE

Max.Marks: 80   **Time: 3 Hrs.**

UNIT – I
Society: Tribul, Rural , Urban Industrial and Post Industrial : Its Nature, Definition & Types.
UNIT – II
Culture: Its Nature, Definition & Types: Material and Non-Material Culture; Socialization: Its Importance, Processes and Stages; Social Control: Its Types and Means.

UNIT – III
Process of Social Change: Industrialization, Secularization, Modernization & Globalization: Its Nature & Impact on Society.
UNIT – IV
Concepts & Basis of Social Stratification: Caste, Class, Power & Gender

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings:
- Ahuja, Ram (1997): **Society in India: Concept, Theories and Recent Trends,** Jaipur: Rawat Publication.
- Beteille, Andre (1992): **Backward Classes in Contemporary India**, New Delhi: OUP.
- Dube, S.C.(1991): **Indian Society**, New Delhi : National Book Trust.
- Ghurye, G.S. (1968): **Social Tension**, Bombay: Popular Prakashan.
- Karve, Iravati (1961): **Hindu Society: An Interpretation,** Pune: Daccan College.
- Mandelbaum, D.G. (1970): **Society in India**, Bombay: Popular Prakashan.
- Sharma K.L.(ed.) (1994): **Caste and Class,** Jaipur, Rawat Publication.
- Srinivas, M.N.(1980): **India's : Social Structure,** New Delhi : Hindustan Publication.
- Srinivas, M.N.(1985): **Social Change in Modern India,** New Delhi : Orient Longman.
- India: 2010 Govt. of India, New Delhi, Govt. of India publication division.

II. 5 - ENGLISH-II
LITERATURE AND LANGUAGE-II

Max.Marks: 80   **Time: 3 Hrs.**

Part-A   **Short Stories**

The following Stories from ***The Pointed Vision: An Anthology of Short Stories***
By Usha Bande and Krishan Gopal (Oxford University Press, New Delhi):

1.   `The Bet' by Anton Chekhov
2.   `Gift of the Magi' by O Henry
3.   `The Postmaster' by Rabindranath Tagore
4.   `Three Questions' by Leo Tolstoy.
5.   `The Dying Detective' by Arthur Conan Doyle.
6.   `Under the Banyan Tree' by R.K. Narayan.

Part-B
   (i)   Grammar and Writing Skills
a)   Synonyms and Antonyms
b)   Prefix-Suffix
c)   Homophones and Homonyms
d)   One word substitution
         (ii)
         a) Developing writing skills through theme based paragraphs
   b)   Technical writing: E-mail writing, Reporting, Resume writing, Re-viewing T.V. Programmes

Instructions to the Paper Setter and the Students
Q.No. 1Explanation with reference to the context. The student will be required to attempt two passages (with internal choice) from the book of Stories   8x2=16
Q.No. 2 Two essay type questions (with internal choice) will be asked from the book of stories.
                                                                             8x2=16
Q.No. 3 This question will be based on grammar. Students will be required to attempt 16 sentences out of the given 24.   16
Q.No.4 & 5   Question No. 4 & 5 will be based on writing skills and technical writing.   16x2=32

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading:

- High School Grammar by Wren and Martin.
- Remedial English Grammar for Foreign Students by F.T. Wood.
- Suggesteds of Communication by D.G.Saxena

Max. Marks: 80   **Time: 3 Hrs.**

UNIT – I
Why study economic history, the problems in interpreting India's past, the state of the Indian Economy on the eve of independence, Indian Economy in the mid-nineteenth century, growth of the empire and systems of land settlements in the Colonial India.

UNIT - II
Transformation of the traditional village – economy during the British rule, Commercialization of agriculture – its causes and consequences, Emergence of agricultural labour as a category, movement of agricultural wages and prices during the period – problems of rural indebtedness.

UNIT – III
The state of industrial development in mid-nineteenth century India, the de-industrialization thesis –its statement and validity, emergence of modern capitalist industrial enterprise in India – Textile (Jute and Cotton), Iron & Steel, Cement, Coal, Tea.

UNIT – IV
Foreign capital in Colonial India – its extent and impact; foreign-trade-growth andcomposition; 'guided under-development' of India under the British rule; evolution of provincial finance, the nature and problem of public debt; Economic drain from India -form, extent and consequences.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings:
- G. Kaushal   :   Economic History of India- 1757 to 1966.
                                          Kalyani Publishers, New Delhi.
- V B Singh (ed.)   :   Economic History of India 1857-1956. Allied
                                          Publications Private Limited, Bombay, 1965.

III .2 - MACRO ECONOMICS – I

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I

Introduction: Nature and Scope of Macro Economics, Difference between Micro and Macro Economics and Importance of Macro Economics.

National Income: Concepts, Measurement and limitations of National Income Statistics, Circular flow of income in two, three and four sector economy.

Unit-II

Determination of Income and Employment: Classical theory of Income and Employment determination, Keynes objections to Classical Theory, Keynesian Theory of Income and Employment determination.

Unit-III

Consumption: Consumption Function, Technical Attributes of Consumption, Keynesian Psychological Law of Consumption and its Implications.

Income – Consumption Relationship: Absolute and Relative Income Hypothesis and Permanent Income Hypothesis.

Unit-IV

Investment Function: Types of Investment, Determination of level of Investment, Marginal Efficiency of Capital (MEC).

Theories of Investment: Classical and Keynesian Theory of Investment (Marginal Efficiency of Investment), Saving –Investment Equality.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings:

- Lipsey R.G. and K.A. Christal (1999) "Principles of Economics" 9th Ed., Oxford University Press.
- Ackley, G (1978), "Macroeconomics: Theory and Policy", Macmillan, New York.
- Branson, W. A. (1989), "Macroeconomics: Theory and Policy", 3rd ed. Harper and Harper and Row, New York.
- Shapiro, E (1996), "Macroeconomics: Analysis" Galgotia Publication, New Delhi.
- Stiglitz J. E. and Carl E. Walsh (2002), Principles of Macroeconomics, W.W. Norton and Company, New York.
- Paul Samuelson and Nordhaus: (2005) "Economics" (18th Ed.) Tata Hill Publishing Company, New York.
- Mankiw N. Gregory: (2007) "Principles of Economics," Thomson, Indian Reprint.
- Lipsey R.G. and K.A. Chrystal (2007) "Economics", Oxford University Press, Oxford.

III. 3 - DEVELOPMENT ECONOMICS - I

Max.Marks: 80   **Time: 3 Hrs.**

Unit-I

Basic Concepts of Economic Development: Economic Growth and Development, Concept of underdevelopment and basic characteristics; Determinants and Measurment indicators (PQLI and HDI) of economic development: sustainable economic development.

Unit-II
Therories of Economic Development: Adam Smith, Karl Marx and Schumpeter.

Unit-III
Development Approaches to Development: Vicious Circle of Poverty, Lewis dual economy model, lebenstein critical minimum effort theory, balanced vs. unbalanced growth theories.

Unit-IV
Economic Planning and Policy: Development planning: rationale, Strategies and objectives of planning; Role of state and Capital formation in economic development

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:
- Thirlwall, A. P.(2003),"Growth and Development", Seventh edition, Palgrave Macmillan, New York.
- Todaro, Michael P. and Stephen C Smith (2004) "Economic Development", Pearson Education, (Singapore) Pvt. Ltd., Indian Branch, Delhi.
- Ray, Debraj(2004), "Development Economics", Seventh impression, *Oxford University Press, New Delhi.*
- Meier, Gerald M. and James E. Rauch (2000), *"Leading Issues in Economic Development",* Oxford University Press, New York.
- Ghatak,
- Subrata (2003) Indian Reprint 2007: Introduction to Development Economics, Rout ledge, London & New York
- Rist, Gilbert (2002) The History of Development Academic Foundation, New Delhi
- Ghosh, Arun (1996) Paradigms of Economic Development, IIAS, Shimla.
- Fukuda-Parr Sakiko and Kumar Shiva, A K (2003) Readings in Human Development Oxford University Press
- Sen, A K (ed.) (1970): Growth Economics, Penguin Books
- Sen, A K (ed.) (1970): Growth Economics, Penguin

III . 4 – ACCOUNTING AND FINANCIAL MANAGEMENT

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I
Meaning and Scope of Accounting: Accounting concepts and conventions. Double entry system of accounting, Preparation of Journal, Ledger and Trial Balance

Unit-II
Distinction between capital and revenue items. Preparation of trading and profit and loss account and balance sheet

Unit-III
Cost accounting – Meaning and Scope. Distinction between cost accounting and financial accounting. Advantages of cost accounting and financial accounting. Elements of cost: material, labour overheads. Preparation of Cost Sheet.

Unit-IV
Objectives and functions of Financial Management.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:

- S.N. Maheshwari : An introduction to Accounting, Vikas Publishing House Pvt. Ltd.
- Pandey, I.M. : Financial Management
- Ghosh, P.K. : Cost Accounting. National Publishing House, New Delhi.
- Prasad, N.K. : Priciples and Practices of Cost Accounting, Book Syndicate, Calcutta.

III. 5 STATISTICS FOR ECONOMIC ANALYSIS-I

Max. Marks: 80   **Time: 3 Hrs.**

Unit –I

Collection, Classification and Presentation of statistical data, Measures of Central Tendency: A.M., G.M., H.M., Median, Quartiles, Deciles, Percentiles, Mode

Unit-II

Measures of dispersion: range, inter-quartile range, quartile deviation, mean deviation, variance, standard deviation, Lorenz curve, skew ness and Kurtosis, moments

Unit-III

Index numbers: Problems and methods of construction of various types of indices, Laspeyres, Pasche's and Fisher's ideal index numbers, Time reversal, factor reversal and circular tests.

Time series Analysis: Components and Measurements

Unit-IV

Random experiment, Random Variable, Sample Space, Events, Fundamental principles of counting, classical, relative frequency and axiomatic approaches to probability, basic results on probability, Additive and Multiplication rules of Probability, Conditional probability,

Note: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading

- Gupta S.C. "Fundamentals of Statistics" S. Chand & Sons New Delhi (1993)
- Spiegel, Murry R "Theory and problems of Statistics" (Schaum's outline series, McGraw Hill, 1992)
- Karmal P.H. and Polasek M. "Applied Statistics for Economists (4th edition), Pitman, Australia.

IV .1 - COMPUTER APPLICATION IN ECONOMIC ANALYSIS

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I

Opening, saving and printing documents files, Editing and formatting of documents, inserting page Numbers and footnotes, Table: Auto Format and Properties, Inserting graphs and diagrams, Introduction to MS Power Point, Preparation of presentations in Power point using design template and Text structure layouts.

Unit-II

Introduction to Microsoft Excel: Creation of worksheets; Data entry, formatting, sorting and validation; Importing and exporting of data files, Uses of mathematical, financial and statistical function and what if analysis, Data Analysis: Correlation, Simple and Multiple Regression, One way ANOVA, Creation of diagrams and graphs.

Units III

Networking of Computer: Intranet and Internet, LAN and WAN, Internet Explorer, Search engines, Emails, Computer, document and Internet Security, Antivirus-scanning and updates

Unit-IV

Introduction to SPSS: Creation of data files, assigning names and labels to variables, sort cases, import/export of files, Computing variable, Data Analysis: Descriptive statistics, Comparing means, Simple Correlation analysis, ANOVA, Simple Regression Analysis, Preparation of graphs and diagrams.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:

- Bhattacharjee Dibyojyoti (2010), Practical Statistics: Using Microsoft Excel, Asian Books, Asian Books Private Limited, New Deli
- George, Darren Mallery Paul (2011) SPSS for Windows step by step: A simple guide and reference 15.0, Pearson Education, New Delhi
- ITL Eduction Solution Limited (2012), Introduction to information Technology, Pearson, New Delhi (ISBN 978-81-317-6029-1

IV .2 - MACRO ECONOMICS – II

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I
Keynesian Multiplier: Concepts, Relation between Multiplier, MPC and MPS, Comparative Static and Dynamic Process. Working of Multiplier in UDC's. Acceleration Principle and Concept of Super Multiplier.

Unit-II
Determination of General Price level: Classical and Keynesian Theory of Money and Prices. **Inflation**: Effects of Inflation, Theories of Inflation: Cost Push and Demand Pull Inflation, Phillips Curve Analysis of Inflation and unemployment.

Unit-III
Rate of Interest: Keynesian and IS-LM Theories of Interest rate.
Macro Economic Policies: Monetary and Fiscal Policies.

Unit-IV
Trade Cycles: Meanings, Types, Phases and Theories of Trade Cycles (Hicks and Samuelson).
Economic Growth: meaning and theories. Harrod-Domar Theory and Neo-classical Theory.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Readings:
- Lipsey R.G. and K.A. Christal (1999) "Principles of Economics" 9th Ed., Oxford University Press.
- Ackley, G (1978), "Macroeconomics: Theory and Policy", Macmillan, New York.
- Branson, W. A. (1989), "Macroeconomics: Theory and Policy", 3rd ed. Harper and Harper and Row, New York.
- Shapiro, E (1996), "Macroeconomics: Analysis" Galgotia Publication, New Delhi.
- Stiglitz J. E. and Carl E. Walsh (2002), Principles of Macroeconomics, W.W. Norton and Company, New York.
- Paul Samuelson and Nordhaus: (2005) "Economics" (18th Ed.) Tata Hill Publishing Company, New York.
- Mankiw N. Gregory: (2007) "Principles of Economics," Thomson, Indian Reprint.
- Lipsey R.G. and K.A. Chrystal (2007) "Economics", Oxford University Press, Oxford.

IV. 3 - DEVELOPMENT ECONOMICS - II

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I
Dualistic Development: Social and Technological dualism; Nurkse disguised unemployment as saving potential, Fei Ranis Theory of Dual Economy. Haris Todaro Modal of Migration.

Unit-II
Models of Growth: Classical model: Mill Theory, the Marxian model; Keynesian model;

Unit-III
Inequality and Development: Meaning, Measurement Lorenz Curve, Kuznets Inverted U Shape curve, Inequality and Development:-Inter connection Population Growth and Economic Development.
Unit-IV
Capital formation: Meaning and sources; capital output ratio; Human capital: concept and utilization. Foreign aid and Economic Development, Transfer of technology.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:
- Thirlwall, A. P.(2003),"Growth and Development", Seventh edition, Palgrave Macmillan, New York.
- Higgins, B. : Economic Development: Theory and Policies. Central Book Depot, Allahabad, 1963.
- Eicher, Carl and Lawrence Witt (1970): " Agriculture in Economic Development," Vora and Co. Publisher Pvt. Ltd. Bombay.
- Kuznets, S (1966) Modern Economic growth, Rate Structure and Spread, Vakils, Feffer and Simons Private Ltd, Bombay.
- Meier, Gerald M. and James E. Rauch (2000), "Leading Issues in Economic Dvelopment," Oxford University Press, New York.
- Ranis, Gustav and John C. H. Fei (1961): A theory of Economic Development, Oxford University Press, New York.
- Ray, Debraj(2004), "Development Economics", Seventh impression, *Oxford University Press, New Delhi.*
- Schultz, Theodre W. (1981): Investing in People, Hindustan Publishing Corporation (India), Delhi.

IV . 4 - ECONOMICS OF AGRICULTURE

Max. Marks: 80   **Time: 3 Hrs**
Unit-I
Introduction: Definition, scope and nature of agricultural economics; Need for a separate study of agricultural economics. Agricultural Linkages with other sectors, Role of agriculture in economic development and Declining importance of agriculture in Economic development.
Unit-II

Production Function Analysis: Facto-Product, Factor-Factor and Product-Product relationship. Types of farm organizations and organizations and their comparative production efficiency.

Unit-III

Transformation of Agriculture: Schultz thesis of transformation of traditional agriculture and Green Revolution in Indian agriculture.

Agricultural Markets: Aim, Types and Functions of agricultural markets, Criteria for judging efficiency of agricultural market systems.

Unit-IV

Agricultural Credit: Importance of cedit, Need for Government intervention, agricultural credit system in India.

Agricultural Price Policy: Need, Objectives, and instruments of agricultural price policy; Agricultural price policy in India.

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory.

Suggested Reading

- Soni R.N. (2003)   :   Leading Issues in Agricultural Economics , Shoban Lal Nagin Chand & co., Jalandhar
- Mellor, J.W. (1968)   :   The Economics of Agriculture Development council University Press , NEW YORK
- Schultz, T.W.(1964   :   Transforming Traditional Agriculture, Lyall Book Depot, 1970
- Sadhu, A.N and   :   Fundamentals of Agricultural Economics, Himalaya
- Amarjit singh (1997)   Publishing   Himalaya Publishing House, New Delhi Dorner Peter (1972)   :   Land Reforms & Agricultural Development .
- Kahlon, A.S. (1982)   :   Agriculture Price Policy in India.
- Mamoria, C.B. (1985) :   Agriculture Problems in India.
- Heady, E O (1964)   :   Economics of Agricultural Production and Resource Use.Prentice-Hall of India Pvt. Ltd. New Delhi   .
- Matacalf, D (1969)   :   The Economics of Agriculture, Penguin

IV. 5 - STATISTICS FOR ECONOMIC ANALYSIS-II

Max. Marks: 80   **Time: 3 Hrs**

Unit –I

Census versus sample enumeration. Methods and types of sampling, sampling and non-sampling error, small and large sample, mathematical expectation, mean and variance of a distribution in terms of expectation

Unit –II

Probability distribution of a random variable, concept of an estimator Properties of a good estimator, point and internal estimation, Sampling distribution of an estimator, Binomial, Poisson and Normal distributions: concept and their properties

Unit-III

Elements of statistical Inference: Concepts of sampling distribution of a statistic, standard error, hypothesis testing, tests of significance, Type I and Type II errors, level of significance, Power of a test, Concept and properties of z, chi-square and t tests.

Unit-IV

Correlation and regression: simple correlation, Pearson, spearman's correlation coefficients, multiple and partial correlation analysis, specification of a simple linear regression model, least square estimation of simple linear regression equation

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Reading

- Gupta S.C. "Fundamentals of Statistics" S. Chand & Sons New Delhi (1993)
- Spiegel, Murry R "Theory and problems of Statistics" (Schaum's outline series, McGraw Hill) (1992)
- Karmal P.H. and Polasek M. "Applied Statistics for Economists (4th edition), Pitman, Australia.

V .1 - HISTORY OF ECONOMIC THOUGHT – I

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I

Nature and Importance of Economic Thought.
Mercantilism: Views on Trade, Money and Prices.

Unit-II

Physiocracy: Natural Order; Net product and Circulation of Wealth.
Classical Political Economy. Adam Smith: Theories of Value and Distribution.

Unit-III

Ricardian Economics: Value Analysis, Theories of Trade and Distribution.

Unit-IV

J S Mill: Theory of Value, Views On Production and Distribution. Classical Stationary State with special reference to Mill's views.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings
- Dasgupta, A K (1986): Epochs of Economic Theory, Oxford University Press, New
                         Delhi
- Collander, D C (Ed.)   :   Neo-Classical Economists
- Mandel, E (1971)   :   Marxist Economic Theory, Upra & Co
- Schumpter, J A (1954):   History of Economic Thought, Oxford University Press
- Samuel Hollander (1987)   : Classical Economics
- Tom Bottomore (1980)   :Dictionary of Marxist Thought, Basic Blackwell
                     Publishers, England
- O'Brien, D P (1975)   :   Classical Economists, Oxford, Clarendon Press.
- Dobb, Maurice (1973):   Theories of Value and Distribution since Adam Smith.
- Sweezy, Paul M (1945):   The Theory of Capitalist Development
- Blaug, M (1961):   Economic Theory in Retrospect.
- Eric Roll(1993):   A History of Economic Thought Rupa & Co.
- Gide, Charles and Rist, Charles (1973): A History of Economic Doctrines, Oxford
                                 University Press, Calcutta

V .2 – ECONOMETRICS

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I

Introduction: Definition, Scope, and Methodology of econometrics; Nature and sources of data for econometric analysis; Specification of an econometric model.

Simple Regression Models: Estimators (OLS) and their properties; Statistical inference; Tests of significance and tests of restrictions.

Unit-II

Econometric Problems: Nature, consequences, detection and remedial measures of the problems of multicollinearity, hetroscedasticity and autocorrelation.

Unit-III

Test Procedures and Model Selection: Tests of specification and mis-specification, measurement errors, encompassing models, and criteria for model selection.

Unit-IV

Dynamic Models: Lags in econometrics, Distributed and autoregressive lags, Koyck model,
Simultaneous Equation Models: Introduction, Identification problem, Simultaneous equation bias and ILS and 2SLS methods of estimation.

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:
- Gujarati Damodar N. (2004)
- Johnston, J & Nardo, D(1997): Basic Econometrics (4th ed.), Siganpore. McGraw Hills Co.
- Maddala, G S (1997): Econometric Methods (4th Ed.): Econometrics
- Pindyck, R S & Rubinfeld, D L (1998): Econometric Models & Economic Forecasts
- Intriligator, M J & Bodkin, H (1996):
- Econometric Models Techniques and Application.
- Green, William (2000): Econometric Analysis (4th Ed.)
- Goldberger, A S (1998): Introductory Econometrics

V .3 - BASICS OF FINANCIAL MARKETS

Max. Marks: 80   **Time: 3Hours**

Unit-I

Financial Market and Functions-: Meaning, Classification of Financial Market, The Role of Financial Markets in the Economy, Financial Instruments: Nature Types and Properties of Financial instrument.

Unit-II

Theories of interest rate determination : Classical and Keynesian ,Term structure of Interest rates: theories of interest rates structure, Expectational theory, Segmentation theory.

Unit-III

Call money market, Treasury bill market; Commercial bill market; Market for gilt-edged Securities, Markets for derivatives, futures and options.

Unit-IV

Regulation of Financial Markets: Role and functions of Securities and Exchange Board of India,   (SEBI),Insurance Regulatory and Development Authority (IRDA) and Reserve Bank of India (RBI).

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings :

- Bhole, L M (2003) :   Financial Institutions and Markets, Tata McGraw
  Hill Company Ltd., New Delhi (4th Ed)

- Gurusamy. S.(2009):   Financial Markets and Institutions, Tata McGraw
  Hill Company Ltd., New Delhi (4th Ed)

- Punithavathy Pandian :   Financial Services and Market Vikas, Publishing House Pvt.
              Ltd.

V .4 - ECONOMICS OF INDUSTRY

Max. Marks: 80   **Time: 3 Hrs.**
Unit-I
Definition: Nature and Scope of industrial Economics. History and development of Industrial Economics. Basic Concepts : Firm industry, Market, Market structure, Market power, passive and active behavior of the firm.

Unit-II
Conceptual framework for the study of Industrial Economics. Organizational form and alternative motives of the firm. Industrial efficiency and technical efficiency. Optimum size of the firm. Growth of the Firm: Acquisition, diversification, merger constraints on Growth : demand, managerial and financial.

Unit-III
Market Structure: Seller's concentration; product differentiation; entry conditions and economics of scale. Advertising strategy: The determinates of Profitability.

Unit-IV
Theories of Industrial Location: Factors affecting location; contributions of weber and Sargent Florance. Location policy in India since Independence, Industrial concentration and dispersal in India.

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:
- Martin, Stephen(1989): Industrial Economics : Economic Analysis and Public Policy. Macmillan Publishing Co., New York.
- Clarke, R (1985)   : Industrial Economics, Blackwell Publishers, Oxford
- Shepherd, William G (1990) : The Economics of Industrial Organization Prentice Hall, New Jersey (3rd Ed.)
- Scherer, F M & Ross, David (1990)   : Industrial Market Structure and Economic Performance, (3rd Ed.) Houghton Mifflin Company, Boston
- Koutsonyiannis (1979)   : Modern Micro-economics. Macmillan, London
- Bains, J S (1959): Industrial Organization. University of California
- Waldman, Don E & Jensen, Elizabeth J (2005): Industrial Organization: Theory and Practice (2nd Edition) Pearson Education, Inc. Hay and Morris (1998): Industrial Economics (2nd ed.) Oxford University Press, London

<h1 style="text-align:center">V .5 – INTERNATIONAL ECONOMICS-I</h1>

Max. Marks: 80   **Time: 3 Hrs.**

<h2 style="text-align:center">Unit I</h2>

Trade Theories and Commercial Policy: Theories of absolute advantage, comparative advantage and opportunity cost: Hecksher-Ohlin theory of trade-its main features, assumptions and limitations.

<h2 style="text-align:center">Unit II</h2>

Balance of Trade and Balance of Payments: Concepts and components of balance of trade and balance of payments; Equilibrium and disequilibrium in balance of payments: Various measures to correct deficit in the balance of payment.

<h2 style="text-align:center">Unit III</h2>

Exchange Rate: Meaning, concept of equilibrium exchange rate and determination: Fixed versus flexible exchange rates: Managed floating exchange rate.

<h2 style="text-align:center">Unit IV</h2>

International Monetary System and International Institutions: Brettonwood systems and its breakdown, International liquidity Special drawing rights, I.M.F.

NOTE: The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:
- International Economics by Rana and Verma
- Indian Economy by Mishra and Puri
- International Economics by Soderston, Bo (1991)
- International Economics by Salvatore, D. (1997)
- International Economics by Kucchal, S.C.
- International Economics, by Kindleberger, C.P.

<h1 style="text-align:center">VI .1 - HISTORY OF ECONOMIC THOUGHT – II</h1>

Max. Marks: 80   **Time: 3 Hrs.**

Unit-I

Marxian Economics: Historical Materialism, Theory of Value, Theory of Capital Accumulation, Theories of Crisis.

Unit-II

Jevon's Theory of Value, Bohm-Bawerk's Theory of Capital.

Unit-III

Walras's Theory of General Equilibrium. A General Overview of Marshall's Contribution.

Unit-IV

Features of Neo-classical economics. J.M Keynes and his contribution; Welfare Economics: Arrow and Social choice Theory; Rational Expectation Modals and the New Classical Macro Economics

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings

- O'Brien, D P (1975)   :   Classical Economists, Oxford, Clarendon Press.
- Dobb, Maurice (1973):   Theories of Value and Distribution since Adam Smith.
- Sweezy, Paul M (1945):   The Theory of Capitalist Development
- Blaug, M (1961):   Economic Theory in Retrospect.
- Eric Roll(1993):   A History of Economic Thought Rupa & Co.
- Gide, Charles and Rist, Charles (1973): A History of Economic Doctrines, Oxford University Press, Calcutta
- Dasgupta, A K (1986): Epochs of Economic Theory, Oxford University Press, New Delhi
- Collander, D C (Ed.)   :   Neo-Classical Economists
- Mandel, E (1971)   :   Marxist Economic Theory, Upra & Co
- Schumpter, J A (1954):   History of Economic Thought, Oxford University Press
- Samuel Hollander (1987)   : Classical Economics
- Tom Bottomore (1980)   :Dictionary of Marxist Thought, Basic Blackwell Publishers, England

VI .2 - HUMAN RESOURCE DEVELOPMENT

Max. Marks: 80   **Time: 3 Hrs.**

<div align="center">

Unit-I
</div>

Human Resource Development (HRD): Concept, nature, scope, significance, objectives, functions; Traditional and modern approaches; Human Resource Development and Manpower Planning .

<div align="center">

Unit-II
</div>

Human Capital: Concept of human capital and its determinants, problems of measurement; An appraisal of underlying theories of Human capital formation particularly in the context of developing Economies; Role of public and private investment in human capital formation; Economics of education (formal, informal, on-the-job training and re-training, An introduction to economics of health and nutrition.

<div align="center">

Unit-III
</div>

Functioning of Market for Human Resources: Internal allocation and brain drain, asymmetric information and functioning of the human resource market; Migration (Theories, and the emerging challenges); Managing Human Resources (wages, incentives- productivity relationship, economics of discrimination).

<div align="center">

Unit-IV
</div>

Human Resource Management Practices: Human Resource Management in developed countries, and India (in Public Enterprises and small undertakings); Emerging human resource management concepts and systems in the new millennium; Human Resource Information System.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings:
- Bellante, Don and Mark Jackson: *Labor Economics: Choice in Labor Markets*, McGraw-Hill Book Company, New York.
- Campbell, R McConnel and Stanley L.: *Contemporary Labor Economics*, McGraw- Brue, Hill Book Company, New York.
- Kempton, John: *Human Resource Management and Development: Current Issues and Themes*, MacMillan, London.
- Richard B Perterson and Lam Tracy: *Systematic Management of Human Resources*, Addison Wesley Publishing Company, London.
- Schultz, Theodore W. (1981): *Investing in People: The Economics of Population Quality*, Hindustan Publishing Corporation(India), Delhi.
- Stoney, John J.(ed.)

<div align="center">

VI .3 – ECONOMICS OF PUBLIC FINANCE
</div>

Max. Marks: 80   **Time: 3 Hrs.**

<div align="center">

Unit-I
</div>

Introduction to Public Finance: Nature, Scope and Importance. Theory of Maximum Social advantage. Private goods, Public goods and Merit goods. Overview of different role of government: allocation, stabilization and distribution. Optimal provision of public goods.

Unit-II

Types of Government Budgets: Revenue account, Capital Account and different concepts of budgetary deficits in the Indian context. Economic and functional classification of Central Govt. Budgets.

Unit-III

Sources of Public Revenue: Tax and Non-tax sources, ad valorem and specific taxes, progressive and proportional taxes, direct and indirect taxes.

Approaches to tax equity: Benefit principle; Ability to pay principle. Theory of Incidence of Indirect taxes. Taxable capacity: meaning and determinants.

Unit-IV

Public expenditure: Rationale for the growth of public expenditure: Wagner's law of increasing state activities; peacock-Wiseman hypothesis. Canons of public expenditure.
Changing Trends and Pattern of direct and indirect taxes in India.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Suggested Readings :

- Musgrave, R & Musgrave, P B: Publice Finance in Theory and Practice. McGraw –   Hill International eds.
- Houghton, R W (ed.) (1970): Public Finance
- Atkinson, A B and Stigltz, J E: Lectures on Public Finance
- Peacock, and Straw, G K (1970): The Economic Theory of Fiscal Policy
- Chelliah, R C (1996): Sustainable Growth, Essays on Financial And Fiscal Sector   Reforms, Oxford University Press.
- Raghbendra Jha (1999): Modern Public Economics, Rotledge
- Govt. of India, Ministry of Finance: 9th, 10th and 11th Finance Commission Reports
- Govt. of India, Ministry of Finance: Sarkaria Commission Report on Centre State   Financial Relations.

1 VI .4 - ENVIRONMENTAL ECONOMICS

Max. Marks: 80   **Time: 3 Hrs.**

Unit - I
Introduction to Environmental Economics : Introduction; The economy and the environment: inter-linkages.
Economic Efficiency and Market Failures: Market solutions and efficiency; Market failures; Problem of externalities; Public goods and public bads; Common property resources.

Unit - II
Population and Environment: Theory of Demographic Transition, Damage functions and Marginal decisions; Optimal level of pollution; Market solutions and government actions; Economic incentives and least-cost solutions; Command and control policies. Environment and Development, Degradation of Environment.

Unit - III
Valuing the Environment: Economic valuation of environmental goods; Types of environmental values; Monetary valuation techniques; Non-monetary valuation techniques; Comparing methodologies. Theory of Cost-Benefit analysis.

Unit – IV
Economic Growth and Sustainable Development, Objectives, Indicators, Progress Toward Sustainable Development, Economics of Sustainable development

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

Book recommended:
- Goodstein, E.S (2002) : Economics and the Environment (3rd ed) Prentice Hall

VI .5 – INTERNATIONAL ECONOMICS-II

Max. Marks: 80   **Time: 3 Hrs.**

Unit –I

Rationale of Protection: Tariff and non-tariff barriers to trade (Quota, voluntary export restraints, export subsidies, dumping and international cartel).

Unit –II

Economic Co-operation: Forms of Economic Co-operation, Static and Dynamic Effects of Custom Union (Viner, Lipsey) and Free trade Area.

Unit-III

World Trade Organisation: WTO and India, Recent change in the direction and composition of India's foreign trade.

Unit –IV

Multi-National Corporation: Working and regulations of MNC's in India, Export Promotion and Import Substitution, and Recent import and export policies.

NOTE : The question paper shall have five units. Each of the first four units will contain two questions and the students shall be asked to attempt one question from each unit. Unit five shall contain eight to ten short answer type questions without any internal choice and it shall be covering the entire syllabus. As such, unit five shall be compulsory

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- Indian Economy by Mishra and Puri
- International Economics by Soderston, Bo (1991)
- International Economics by Salvatore, D. (1997)
- International Economics by Kucchal, S.C.
- International Economics, by Kindleberger, C.P.