


Syllabus B.A.HONS PART I 2020-21
FACULTY OF ARTS, EDUCATION AND SOCIAL SCIENCES
BACHELOR OF ARTS
HONOURS COURSES

General Information for Students

1. The courses of study for the B.A (Honours) Examination will extend over a period of two years as an integrated course.
2. The students will be eligible to offer B.A (Honours) course after their successfully completing the B.A. (Part I) examination.
3. No student shall be eligible for admission to the Honours course in a subject unless he/she has passed the 1st year T.D.C.. Examination of this University or any other examination equivalent there to, and has secured at least 48% marks in the aggregate (including languages) and 50% marks in the subject which he /she offers for the Honours Course.
4. The admission to Honours courses will be limited to 60 students per subject in the Faculty of Arts, Education and Social Sciences.
5. (a) For a pass at the B.A. Honours (Previous) Examination, a candidate is required to obtain at least 25% marks in each paper of both Honours and Subsidiary subjects and at least 36% marks in the aggregate of all subjects. A candidate is required to pass separately in theory and practical's.
(b) For a pass at the B.A. Honours (Final) Examination, a candidate is required to secure at least 25% marks in each paper of Honours as well as Subsidiary subjects, an aggregate of 36% in subject of the Subsidiary group, and an aggregate of 50% marks in each subject of Honours. A candidate is required to pass separately in theory and practicals.
6. No division will be awarded at the B.A. (Honours) Part I Examination.
7. For the B.A. (Honours) a candidate will be awarded division after taking into consideration the marks secured in the subjects of Honours only as under, after taking into consideration the marks of B.A.Honours Part I and II Examinations
I Division: 60% and above of the aggregate marks in the subject of Honours
II Division : 48% and above but less than 60% of the aggregate marks in the subject of Honours.
8. Candidates securing 36% marks or above but less than 48% in the aggregate will be given B.A. (Pass) degree.
9. Candidates securing less than 36% marks in the aggregate or as laid down in Ordinance 180 (i) shall be declared to have failed.
10. There shall be common course of study in all the compulsory and optional subjects for B.A. (Part I) Examination for the students for the B.A. Degree or B.A. (Honours) degree.
11. Honours students in the Arts subjects will take four Subsidiary papers of not lower than the Second Year level of the pass course. To meet this requirement they may take two papers in a pass subject at the Second Year level and two papers in the same subject at the Third Year level also, alternatively, they may take two papers each in two subjects of the Second Year level
12. Only those optional papers will be allowed that are decided by the Department Council each Year.
13. (a) The following Subsidiaries will not be allowed for honours Course Students:


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- (1) Home Science
- (2) Music
- (3) General Hindi
- (4) General English
- (5) General Mathematics
- (6) Indian Culture and Civilization

(b) Further only one of the three literatures (English, Hindi, and Sanskrit) will be allowed as a Subsidiary subject for an Honours candidate

(c) Further, students offering Honours Subjects in the Faculty of Arts Education and Social Sciences will not be allowed to offer any subject belonging to any faculty other than the Faculty of Arts, as a Subsidiary subject.

(d) Candidates offering Geography/Psychology/Sociology as a Subsidiary subject will have to offer these at the Second and Third Year levels.

(e) If a student once clears the Subsidiary courses at the University Examination he need not offer the subsidiary courses again in the next year.

Attendance :

O. 78-A

1. For all regular candidates in the faculties of Arts, Education and Social Sciences, Law, Commerce and Engineering the minimum attendance requirement shall be that a candidate should have attended at least 75% of the lectures delivered and the tutorials held taken together as well as 75% of the practical's and sessionals from the date of her/his admission


2 Condonation of shortage of attendance: The shortage of attendance up to the limit specified below may be condoned on valid reasons;

(i) Up to 6% in each subject plus 5 attendances in all in aggregate of the subject/papers may be condoned by the Vice-Chancellor on the recommendation of the Dean/Director/Principal for under-graduate students and on the recommendation of the Head of the Department for the post-graduate classes.

(ii) The N.C.C./N.S.S Cadets sent out to parades and camps and such students who are deputed by the University to take part in games, athletic or cultural activities may, for purpose of attendance, be treated as present for the day of their absence in connection with the aforesaid activities and that period shall be added to their subject-wise attendance,

Note: 1 There shall be no supplementary examination for the B.A. Honours(Previous) and B.A.Honours (Final) courses.

2 The attendance for supplementary students will be counted from the date of admission.


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New Examination Scheme:

Part	Total no. Q.	Marks each Q.	Total Marks
A	10	2	20
B	5	7	35
C	3	15	45
		Total	100

TEACHING SCHEME OF HONOURS CLASSES

Class/Papers	Periods per week	Max. Marks	Min. Pass Marks	Duration Hrs.
B,A HONOS.PART I				
Compulsory- Paper I to IV				
Paper I : Intermediate Price Theory	6	100	25	3
Paper II : Intermediate Macro Economics	6	100	25	3
Paper III : Quantative Method's for Economics	6	100	25	3
Paper IV : Economic Development	6	100	25	3
(36% in aggregate)				
B,A HONOS.PART II				
Compulsory- Paper V to VIII				
Paper V : Public Economics	6	100	25	3
Paper VI : International Economics	6	100	25	3
Paper VII : History of Economics Analysis	6	100	25	3
Paper VIII : Economy of India and Rajasthan	6	100	25	3
(36% in aggregate)				


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B.A. (Hons.) Economics Part I Examination

Please Note

- (i) The Syllabus has been divided into units. Questions will be set from each unit with provisions for internal choice
- (ii) In order to ensure that students do not leave out important portions of syllabus, examiners will be free to repeat the questions set in previous year's examination.

PAPER I

INTERMEDIATE PRICE THEORY

- Unit 1 : Role of price mechanism; Fundamental Quantitative Relationships: Total, average and marginal quantities. Demand and supply, market equilibrium; Concept of elasticity : Price elasticity of demand; cross elasticity and Income elasticity of demand; Elasticity of supply; Elasticity and total and marginal quantities
REQUIRED READINGS
LEFTWICH ; The Price System and Resource Allocation, Chs.1,2,3,
Stigler, G.J : The Theory of Price, The Macmillan Company
- Unit 2 : Utility : Cardinal and ordinal approaches Indifference curve consumer's Equilibrium (Hicks and Slutsky) Giffen goods: Consumer's surplus, Engel curve; Demand Curve faced by the firm under different market situations
REQUIRED READINGS
Leftwich : Chs 5,6
Bilas, R.A : Micro Economic Theory Chs. 4 (83-101) (Hindi & Eng.)
- Unit 3 : Production function, Iso-quant, Factor substitution Law of variable proportions; returns to scale; Economies of scale, Different concepts of cost and their interrelation; Equilibrium of the firm ; Expansion path
REQUIRED READING
Leftwich: Chs 8,9
- Unit 4 : Market forms-Perfect and imperfect markets ; Equilibrium of a firm in Perfect competition, monopoly and price discrimination:
Taxation and equilibrium of firm; Measures of monopoly power, monopolistic competition; oligopoly –Various forms of Collusion
REQUIRED READING
Leftwich :Chs 11,12,13
- Unit 5 : Marginal productivity theory of distribution; Pricing and employment of resources under various market situations. Rent: scarcity rent; Differential rent; Quasi rent; Profits: Innovation risk and uncertainty theories; Efficiency in resource allocation
REQUIRED READINGS
Leftwich :Chs.14,15,16
Joshi, J.M. & Joshi Rajendra: Micro Economic Theory, Ch 2,1
RECOMMENDED READINGS
Stigler, G.J.:The Theory of Price
Watson D.: Price Theory
Hicks, J.R. : Valu and Capital
Friedman M.: Price Theory

प्रश्न पत्र I

अंतःस्थ कीमत सिद्धान्त

- इकाई I कीमत प्रणाली की भूमिका : आधारभूत संख्यात्मक सम्बन्ध, सकल, औसत एवं सीमान्त अवधारणाएँ, माँग एवं पूर्ति बाजार संतुलन, लोच का सिद्धान्त, माँग की कीमत लोच, आड़ी लोच एवं आय लोच, पूर्ति की लोच; लोच एवं सकल व सीमान्त अवधारणाएँ।
- इकाई II उपयोगिता : गणनसंख्यात्मक एवं क्रम संख्यात्मक उपयोगिता, उदासीनता वक्र, उपभोक्ता संतुलन (हिक्स एवं स्लटस्की), गिफिन वस्तुएँ, उपभोक्ता की बचत, ऐंजल वक्र, विभिन्न बाजारों में फर्म का माँग वक्र।
- इकाई III उत्पादन फलन : समोत्पाद वक्र, साधन स्थानापन्न; परिवर्तनशील अनुपातों का नियम, पैमाने के प्रतिफल, पैमाने की बचतें, विभिन्न प्रकार की लागतें एवं उनमें अन्तर्सम्बन्ध, फर्म का संतुलन, विस्तार पथ।
- इकाई IV बाजार के प्रकार : पूर्ण एवं अपूर्ण बाजार, फर्म का संतुलन, पूर्ण प्रतियोगिता, एकाधिकार एवं कीमत विभेद; करारोपण एवं फर्म का संतुलन, एकाधिकार शक्ति का माप, एकाधिकारात्मक प्रतियोगिता, अल्पाधिकार : गठबन्धन के विभिन्न प्रकार।
- इकाई V वितरण का सीमान्त उत्पादकता सिद्धान्त, विभिन्न बाजारों में साधन का कीमत एवं रोजगार निर्धारण, लगान, दुर्लभता लगान, भिन्नात्मक लगान, लाभ: अनिश्चितता सिद्धान्त, प्रभावी साधन आवंटन

PAPER II

INTERMEDIATE MACRO-ECONOMICS

- UNIT 1 Meaning, Importance, Limitations and Targets of Macroeconomics
National Income: Meaning and related concepts, Measurement with product and income methods, Difficulties in measurement
Elementary introduction to the Classical and Keynesian models of Macroeconomics
REQUIRED READINGS:
Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 1-3
Dudley Dillard, The Economics of John Maynard Keynes, Vikas Publishing House, Chaps. 2, 3
- UNIT 2 Consumption and Income determination: Consumption function, simple Income determination, short run & long run consumption function, the Multiplier, factors affecting Consumption
Investment function: Introduction, Discounting and the Present Value, Investment and rate of Interest, Investment function and the aggregate Expenditure function, Fiscal Policy and Income determination: integrating Government into expenditure function gap analysis and effects of changes in Government purchaser Lump-sum taxation and the Balanced Budget Multiplier
REQUIRED READINGS:

Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 4, 6, 5

UNIT 3 Demand for Money: The Transaction and Precautionary demand for money, Liquidity preference
Supply of Money: Definition of money supply, Open Market policy and money supply, Multiple credit expansion with leakages, monetary equilibrium.

REQUIRED READINGS:

UNIT 4 Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 7, 8

The Joint Income Expenditure and Monetary Equilibrium, The IS-LM model, Monetary and Fiscal policy, Policy effectiveness under different monetary assumptions

Aggregate Supply: Labour market, Aggregate Supply function, Money Wage controversy

REQUIRED READINGS:

UNIT 5 Dyersburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 9, 11

Inflation: theory of inflation, classical, Keynesian approach Philips curve-short run and long run Philips curve

Economic Fluctuations: Meaning and types of fluctuations, Phases of cycles, Hawtrey's monetary theory, Schumpeter's innovations theory, Keynesian theory and Hicks's theory

REQUIRED READINGS:

Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 12, 13

Jhingan M.L. Macroeconomic Theory, xi ed. Vrinda Publications, Chaps.32, 34

RECOMMENDED READINGS:

Edward Shapiro, Macroeconomic Analysis

Branson W.H. Macroeconomic Theory and Policy

Ackley G. Macroeconomic Theory

Dornbush and Fischer, Macroeconomics

Jhingan M.L. Macroeconomic Theory, (Hindi/ English), xi ed. Vrinda Publications

Vaish M.C. Samasti Arthshastra, (Hindi/ English)

Sethi T.T. Macro Arthshastra, (Hindi/ English)

प्रश्न पत्र II

माध्यमिक समष्टि अर्थशास्त्र

इकाई 1 :

समष्टि अर्थशास्त्र का अर्थ, महत्व, सीमाएं एवं लक्ष्य

राष्ट्रीय आय : अर्थ एवं तत्सम्बन्धी अवधारणाएं, उत्पादन एवं आय

विधियों द्वारा राष्ट्रीय आय का मापन, मापन में कठिनाईयाँ

संस्थापित एवं केन्ज के समष्टि अर्थशास्त्रीय प्रारूपों का एक सरल परिचय

अनिवार्य पठन

डर्नबर्ग थॉमस एफ. मेक्रो इकोनोमिक्स सप्तम प्रकाशन

मैकग्रॉ हिल बुक कंपनी, अध्याय 1 से 3

डडले, डिलार्ड, द इकोनोमिक्स ऑफ जॉन मेनार्ड किन्स,

विकास पब्लिशिंग हाउस, अध्याय 2 एवं 3

इकाई 2 :

उपभोग एवं आय निर्धारण : उपभोग फलन, सरल आय निर्धारण, गुणक, उपभोग को प्रभावित करने वाले तत्व।

निवेश व्यय : परिचय, कटौती एवं वर्तमान मूल्य, निवेश एवं ब्याजदर, निवेश फलन एवं समग्र व्यय फलन

राजकोषीय नीति एवं आय निर्धारण : समग्र व्यय फलन में सरकार का समावेश, अन्तराल विश्लेषण एवं सरकारी क्रम में परिवर्तन के प्रभाव, एक मुश्त करारोपण एवं संतुलित बजट गुणक

अनिवार्य पठन

डर्नबर्ग अध्याय 4, 6, 5

इकाई 3 :

मुद्रा की मांग : मुद्रा का स्थान, विनिमय एवं सर्तकता हेतु मुद्रा की मांग, तरलता पसंदगी मुद्रा की आपूर्ति : मुद्रा आपूर्ति की परिभाषा, खुले बाजार नीति एवं मुद्रा आपूर्ति, रिसाव के साथ बहुगुणी साख विस्तार, मौद्रिक संतुलन,

अनिवार्य पठन

डर्नबर्ग अध्याय 7, 8

इकाई 4 :

संयुक्त आय-व्यय एवं मौद्रिक संतुलन, आई.एस.एल.एम. प्रारूप मौद्रिक एवं राजकोषीय नीति विभिन्न मौद्रिक मान्यताओं के अन्तर्गत नीति प्रभावशीलता समग्र आपूर्ति : श्रम बाजार, समग्र आपूर्ति फलन, मुद्रा एवं मजदूरी विरोधाभास।

अनिवार्य पठन

डर्नबर्ग अध्याय 9 एवं 11

इकाई 5 :

मुद्रास्फीति : मुद्रास्फीति का सिद्धांत, प्रतिष्ठित, केन्स मत, फिलिप्स वक्र – अल्प काल और दीर्घकाल फिलिप्स वक्र: आर्थिक उच्चवचन : उच्चावचन

का अर्थ एवं प्रकार चक्र की अवस्थाएँ, हॉट्टे का मौद्रिक सिद्धांत, शुम्पीटर का नव प्रवर्तन सिद्धांत, केन्स का सिद्धांत एवं हिक्स का सिद्धांत।

अनिवार्य पठन

डर्नबर्ग अध्याय 12 एवं 13

एम.एल. झिंगन, मेक्रो इकोनोमी थिअरी एकादश प्रकाशन, वृंदा पब्लिकेशन
अध्याय 32 एवं 34

अनुशंसित पठन

एडवर्ड शपीरो मेक्रो इकोनोमिक अनालिसिस

ब्रान्सन डब्ल्यू.एच. मेक्रो इकोनोमिक थिअरीज एवं पॉलिसी

एकले जी. मेक्रो इकोनोमिक थिअरी

डार्नबुश एवं फिशर, मेक्रो इकोनोमिक्स

झिंगन एम.एल. इकोनोमिक्स थिअरी (हिन्दी/अंग्रेजी)

ग्यावरह प्रकाशन वृंदा पब्लिकेशन

वैश्य एम.सी. समष्टि अर्थशास्त्र (हिन्दी/अंग्रेजी)

सेठी टी.टी. मेक्रो अर्थशास्त्र (हिन्दी/अंग्रेजी)

PAPER III

QUANTITATIVE METHODS FOR ECONOMICS

Part- I ELEMENTARY Mathematics

- Unit I : Co-ordinate "Geometry :Straight Line Equations, Quadratic Equations; Linear; Simultaneous Equations, Determinants, Basic Operations
Matrices : Elementary Operations, Inversion, Illustration with Input-Output System
- Unit 2 ; Elementary differential Calculus: Meaning and Standard Formulae. Maxima, Minima and Points of inflexion
- REQUIRED READINGS
- David Huang :Introduction to the use of Mathematics in Economic Analysis
- Mehta, B.C. and Madnani ;Arthashastra me Prarmbhik Ganit

PART II – STATISTICS

- Unit 3 : Meaning, Uses and Limitations of Statistics, Collection of Statistical data : Census and sample Investigation; Classification and Tabulation of Data
- Unit 4 : Measures of Central Tendency and Dispersion, Correlation-Karl Pearson's and Rank Correlation. Regression ; Two Variable Linear Regression
- Unit 5: Elementary Theory of Probability; Frequency Distributions- Characteristics of Binomial and Normal Distribution, Fitting of normal curve
- REQUIRED READINGS

Elhance, D.N. : Fundamental of Statistics
 Croxton and Cowden : Applied General Statistics
 Speegel, R.M. : Theory and Problems of Statistics

प्रश्न पत्र III

अर्थशास्त्र में संख्यात्मक तकनीक

भाग I प्रारम्भिक गणित

- इकाई I निर्देशांक ज्यामिति – सरल रेखा; समीकरण; द्विघात समीकरण, रैखिक, युगपत समीकरण, सारणिक; आधारभूत प्रक्रियाएँ, आव्यूह – प्रारम्भिक प्रक्रियाएँ, प्रतिलोमन, आदा-प्रदा विश्लेषण के उदाहरण
- इकाई II प्रारम्भिक अवकलन – अर्थ एवं प्रमुख सूत्र, उच्चिष्ठ, निम्निष्ठ तथा इन्फ्लेक्शन का बिन्दु
- भाग II सांख्यिकी
- इकाई III सांख्यिकी का अर्थ, प्रयोग एवं सीमाएँ, सांख्यिकीय आँकड़ों का संग्रहण; आँकड़ों का वर्गीकरण एवं सारणीयन
- इकाई IV केन्द्रीय प्रवृत्ति के माप तथा विचलन, सहसम्बन्ध – कार्ल पियरसन तथा रैंक सहसम्बन्ध, प्रतिपगमन – द्विचरीय रैखिक प्रतिपगमन
- इकाई V प्रारम्भिक प्रायिकता सिद्धान्त; बारम्बारता बंटन – द्विपद एवं नॉर्मल बंटन, नॉर्मल वक्र का समंजन

PAPER IV

ECONOMIC DEVELOPMENTS

- Unit 1 Meaning of Economic Growth and Development; Measuring Development- National income and per capita income, Human development index.
 Factors in the development process, Capital and Labour and Technology; Human Resources and Economic Development
 REQUIRED READINGS
 Todaro, M.P. and Smith, S.C.: Economic Development (Pearson Education 8th ed.) Chs. 1,2,3,
 Meier, G.M. Rauch, J.E.: Leading issues in Economic Development, (Oxford University Press, 8th ed.) Ch. I
- Unit : 2 Theories of Development and Growth : Classical Theory of Development Karl Marx and the Theory of Development; Schumpeter and capitalist Development; Harrod-Domar Model, Lewis's Model of unlimited supply of Labour .
 REQUIRED READINGS
 Higgins, B, (1995) : Economic Development, (Universal Book Stall, new

Delhi) Chs. 3,4,5,6 and 14

Thirlwall, A.P. : Growth and Development (Palgrave Mac Millan, 8th ed.)
Ch.4

Unit 3 : Approaches to the theory of Economic Development, Stages of Economic growth; Low level Equilibrium trap, Critical Minimum effort thesis; Big Push theory ; balanced and unbalanced growth.

REQUIRED READINGS

Higgins, B. : Economic Development, Chs. 9,15. Thirlwall, A. P. : Growth and Development, Macmillan Chs. 8,9.

Unit 4 : Development Planning –Need for and meaning of planning: Investment criteria : Alternative investment criteria, Social Cost Benefit analysis, Choice of techniques, Target setting and Priorities:

REQUIRED READINGS

Todaro, M.P. : Economic Development, Ch. 16

Thirlwall, A. P.: Growth and Development, Ch. 10,12

Jhingan, M.L The Economics of Development and Planning

Unit 5 Environment and Development: Meaning of environmental economics; Environmental economics and environmental Policy; main categories of environmental problems: air Pollution; water pollution; toxic chemical; ecosystem and natural environments; concept of sustainability, renewable and non-renewable resources.

Population, resources, and environment; Poverty and the environment, growth versus the environment, rural development and the environment; urban development and the environment the global environment:

The scope of environmental degradation, Privately owned resources, Common Property resources; public goods and bads : Regional environmental degradation and the free-rider problem,

REQUIRED READINGS :

Todaro, M.P. and Smith, S.C.-Economic Development (8th ed.) Ch,11

Kolstad, C.D. : Environmental Economic (OUP) Chaps. I and 2

RECOMMENDED READINGS :

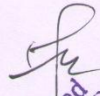
Kindleberger, C. P. Economic Development McGraw Hill

Lewis, W.A.: The Principles of Economic Planning.

Mehrotra, S. and J. Richard (1998) : Development with a Human face, OUP, New Delhi.

Sankar, U : Environmental Economics, OUP.

Raghuvanshi, A. and Raghuvansi, C.L. : Paryavarha Pradushan, Madhya Pradesh Granth Academy


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प्रश्न पत्र IV

आर्थिक विकास

- इकाई I आर्थिक वृद्धि एवं विकास का अर्थ, विकास का माप : राष्ट्रीय आय तथा प्रति व्यक्ति आय, मानव विकास सूचकांक, विकास प्रक्रिया में साधन : पूँजी, श्रम एवं तकनीक, मानव संसाधन एवं आर्थिक विकास।
- इकाई II आर्थिक विकास एवं वृद्धि के सिद्धान्त, विकास का प्रतिष्ठित सिद्धान्त, कार्ल मार्क्स एवं विकास का सिद्धान्त, शुम्पीटर एवं पूँजीगत विकास, हैरोड-डोमर मॉडल, लुइस का असीमित श्रम पूर्ति सिद्धान्त।
- इकाई III आर्थिक विकास के सिद्धान्त : आर्थिक वृद्धि की अवस्थाएँ, निम्न स्तरीय संतुलन पाश, क्रांतिक न्यूनतम प्रयास सिद्धान्त, बड़ा धक्का सिद्धान्त, संतुलित एवं असंतुलित वृद्धि।
- इकाई IV विकास का नियोजन : नियोजन का अर्थ एवं आवश्यक निवेश चयन तर्क: वैकल्पिक निवेश चयन तर्क, सामाजिक लागत लाभ विश्लेषण, तकनीक का चुनाव, लक्ष्य निर्धारण एवं प्राथमिकताएँ।
- इकाई V पर्यावरण एवं विकास : पर्यावरण अर्थशास्त्र का अर्थ, पर्यावरण अर्थशास्त्र एवं पर्यावरण नीति, पर्यावरण समस्याओं के प्रमुख प्रकार : वायु प्रदूषण, जल प्रदूषण, जहरीले रसायन; प्रकृति तंत्र एवं प्राकृतिक वातावरण, संधारणता का विचार, नवकरणीय एवं अनवकरणीय संसाधन जनसंख्या, संसाधन एवं पर्यावरण, निर्धनता एवं पर्यावरण, वृद्धि बनाम पर्यावरण, ग्रामीण विकास एवं पर्यावरण, नगरीय विकास, एवं पर्यावरण, वैश्विक पर्यावरण पर्यावरण क्षरण का क्षेत्र, निजी स्वामित्व संसाधन, सार्वजनिक संपत्ति संसाधन, सार्वजनिक भलाई एवं बुराई, क्षेत्रीय पर्यावरणीय क्षरण तथा फ्री राइडर प्रोब्लम।

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B.A. (HONS) ECONOMICS PART II EXAMINATION
PAPER V
PUBLIC ECONOMICS

- UNIT 1 Scope of Public Economics; Public versus private wants. The growth of public expenditure and its effects on production and distribution, Canons of public expenditure, Role of public expenditure in economic development
- UNIT 2 Classification of Public Revenue; Taxes, Borrowing and other sources of revenue; Principles of Taxation. Benefit approach and Ability to Pay approach. Effects of taxation on production and distribution. Theory of incidence and shifting.
- UNIT 3 The place of loans in public finance, forms of public debt, The burden of public debt, effects of public debt on production, Composition of public debt in India.
- UNIT 4 Objectives of Fiscal Policy—full employment, anti inflation, economic growth, redistribution of income and wealth; Interdependence of fiscal and monetary policies, Budgetary deficits and its implications; Fiscal policy for stabilization –automatic Vs. discretionary stabilization; Balanced budget multipliers
- UNIT 5 Role of public sector specially in underdeveloped countries, Surpluses of public enterprises and economic development in India
Working of licensing and other instruments of industrial regulation in India, Public enterprise price policies; Fiscal sector reforms in India

REQUIRED READINGS

Brown, C.V. 1974: Public Sector Economics, Mortin Roberttson, Oxford.
Due, J.F. and Frigdlaender, A.F. 1977 : Government Finance-Economics of the Public Sector, A.I.T.B.S. Publishers & Distributors, Delhi.
Bhargava, R.N.1971: Theory and Working of Union Finance in India (latest ed.), Chaitanya Publishing House, Allahbad.
Chelliah, R.J.: Fiscal Policy in Underdeveloped Countries, Geoge Allen & Unwin.
Edey, H.T. and Peacock A.T.: National income and social accounting
Govt. of India (Ministry of Finance) : Economic classification of the central govt. budget.

RBI Bulletins : Various Issues of Economic and Political Weekly.
Tyagi B.P. : Public Finance, Jai Prakash Nath & Co.(Latest Edition)

RECOMMEDED READINGS


Johansen L 1978: Public Economics, Nath Holland, New York.
Margolis. J & Gultton, H (ed):Public Economics
Williams, Alan : Public Finance and Budgeting Policy
R.B.I.: Reports on Currency and finance
Govt. of India: Finance Commission Reports
Peacock A. and Shaw G.K. 1977 : The Economic Theory of Fiscal Policy", George Allen and Unwin.
Musgrave R.A. & Musgrave P.B ,1989 : Public Finance in theory & Practice, McGraw Hill.

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प्रश्न पत्र V

लोक अर्थशास्त्र


- इकाई I लोक अर्थशास्त्र का क्षेत्र; निजी बनाम सार्वजनिक इच्छाएँ, सार्वजनिक व्यय में वृद्धि एवं उसका उत्पादन एवं वितरण पर प्रभाव, सार्वजनिक व्यय के सिद्धान्त, आर्थिक विकास में सार्वजनिक व्यय की भूमिका।
- इकाई II सार्वजनिक आय का वर्गीकरण : कर, ऋण एवं आय के अन्य स्रोत, करारोपण के सिद्धान्त, लाभ सिद्धान्त एवं कर देय क्षमता सिद्धान्त, करारोपण का उत्पादन एवं वितरण पर प्रभाव, कराभार के सिद्धान्त एवं कर विवर्तन।
- इकाई III ऋणों का सार्वजनिक वित्त में स्थान, सार्वजनिक ऋण के प्रकार, सार्वजनिक ऋण का भार, सार्वजनिक ऋण का उत्पादन पर प्रभाव, भारत में सार्वजनिक ऋण की संरचना।
- इकाई IV राजकोषीय नीति के उद्देश्य : पूर्ण रोजगार, विमुद्रास्फीति, आर्थिक वृद्धि, आय एवं सम्पत्ति का पुनर्वितरण, मौद्रिक एवं राजकोषीय नीति की अन्तर्निर्भरता, बजटीय घाटा एवं उसके परिणाम, स्थिरीकरण के लिए राजकोषीय नीति – स्वचालित बनाम विखण्डित स्थिरीकरण, संतुलित बजट गुणक।
- इकाई V अल्पविकसित राष्ट्रों में सार्वजनिक क्षेत्र का महत्व, सार्वजनिक उपक्रमों का आधिक्य एवं भारत का आर्थिक विकास, भारत में आर्थिक नियमन के लिए लाइसेंसिंग तथा अन्य उपक्रमों का कार्य, सार्वजनिक उपक्रम कीमत नीति, भारत में राजकोषीय क्षेत्र सुधार।


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PAPER VI

INTERNATIONAL ECONOMICS

- UNIT 1 The Nature of International Economics: Inter regional and International Trade, Theory of absolute advantage; Law of Comparative costs, Opportunity cost doctrine, Mill's Law of Reciprocal demand.
REQUIRED READINGS
Pugel, T.A. : International Economics, 12th ed., MacGraw Hill, 2004, Ch.1
Sodersten, B.O. and Reed, G : International Economics, 3/e—Macmillan Press Ltd. (hereinafter referred as Text) Ch.1
- UNIT 2 The Heckscher-Ohlin model, Offer Curves, Factor-Price-Equalization, Terms of trade and Gains from trade.
REQUIRED READINGS
Text Ch. 3 and 5
- UNIT 3 Tariffs and Quotas: their effects in partial equilibrium analysis, Concept of optimum tariff, Free trade: Case for free trade; Protection: Arguments for Protection; GATT and WTO : TRIPS, TRIMS, Agriculture and Agreement on Textiles and Clothing.
REQUIRED READINGS
Text Ch. 10, 12 and 17
- UNIT 4 Balance of Trade and Balance of Payments : Meaning, Current and capital account, surplus and deficit in Bop, Autonomous and accommodating items; Measures to correct disequilibrium in Bop; Devaluation : Its meaning and effects, Exchange rate under gold standard and Purchasing Power Parity theory, Foreign Trade Multipliers; IMF : Objectives, quotas, IMF financial facilities, the breakdown of the Bretton-Woods system, the Smithsonian Agreement, SDRS, role of gold and the present exchange rate system.
REQUIRED READINGS
Text Ch. 23, 25 and 31
- UNIT 5 Recent changes in value, Composition and direction of India's foreign trade; Measures adopted by the Govt. to correct deficit in the Bop before and after 1991, External sector Reforms in India (Including partial and full convertibility of rupee), recent EXIM Policy of India.
REQUIRED READINGS
Joshi, V and Little, IMD: India's Economic Reforms 1991-2000, Oxford University Press (1996), New Delhi.
RBI Bulletin: Various Issues.
Economic and Political Weekly(Bombay) : Various Issues
Dutt, R. and Sundarm, KPM : Indian Economy, S.Chand and Co., New Delhi (Latest edition)
Ellsworth, P.T. and Leith, J.C. : The International Economy, Latest ed., Collier


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Macmillan

Salvatore, D. : International Economics, Prentice Hall, upper Saddle River, N.J.

Salvatore, D. : International Economics IV ed. (Schaum's outline series), McGraw Hill Book Co.

Chacholiades, M.: International Economics, McGraw Hill Publishing Co.

Haberler, G. : The Theory of International Trade, London, Macmillan

Kreinin, M.E. : International Economics, 9th ed., Harcourt Brace; Javanovich Publisher.

Mundell, R.A. : International Economics, Macmillan Publishing Co., New York.

Kaushik Basu, eds (2007) : Economics in India – OUP, New Delhi.

प्रश्न पत्र VI

अन्तर्राष्ट्रीय अर्थशास्त्र

- इकाई I अन्तर्राष्ट्रीय अर्थशास्त्र की प्रकृति : अन्तर्राष्ट्रीय एवं अन्तर्राष्ट्रीय व्यापार में तुलना, निरपेक्ष लाभ का सिद्धान्त, तुलनात्मक लागत सिद्धान्त, अवसर लागत सिद्धान्त, मिल का व्युत्क्रम माँग सिद्धान्त।
- इकाई II हक्शर-ओहलीन मॉडल, ऑफर वक्र, साधन-कीमत समानीकरण, व्यापार की शर्तें एवं व्यापार से प्राप्तियाँ।
- इकाई III आयात शुल्क एवं कोटा : आंशिक साम्य विश्लेषण पर उनका प्रभाव, अनुकूलतम् प्रशुल्क का विचार, मुक्त व्यापार – मुक्त व्यापार का पक्ष, संरक्षण – संरक्षण का तर्क, GATT तथा WTO, TRIPS, TRIMS, कृषि एवं कपड़ा तथा वस्त्र पर करार।
- इकाई IV व्यापार संतुलन एवं भूगतान संतुलन : अर्थ, चालू एवं पूँजी खाता, भुगतान संतुलन में आधिक्य एवं घाटा, स्वायत्त एवं अनुग्रही मदें, अवमूल्यन – अर्थ एवं प्रभाव, विनिमय दरों का स्वर्णमान एवं क्रम शक्ति समता सिद्धान्त, विदेशी व्यापार गुणक; IMF : उद्देश्य, कोटा, IMF वित्तीय सहायता, ब्रेटन-वुड्स तंत्र का अवसान, स्मिथ्सओनियन करार, SDRS, वर्तमान विनिमय दर प्रणाली एवं स्वर्ण का महत्व।
- इकाई V मूल्य में वर्तमान बदलाव, भारतीय विदेशी व्यापार की संरचना एवं दिशा, 1991 से पहले और बाद में सरकार द्वारा भुगतान संतुलन घाटे को दूर करने के उपाय, भारत में बाह्य क्षेत्र सुधार (रुपये की आंशिक एवं पूर्ण परिवर्तनीयता के साथ), भारत की वर्तमान EXIM नीति।

PAPER VII
HISTORY OF ECONOMIC ANALYSIS

- Unit 1 : The nature and Importance of History of Economic Analysis Mercantilism : Main Characteristics; Physiocracy : Main Economic Ideas
- Unit 2: Theory of Value : Adam Smith, Ricardo, Mill, Austrian School (Menger, Wieser, Bohm Bawerk) Marginal Utility School (Gossen, Jevons, Walras) and New-Classical School (Marshall). The Extension of classical ideas of value- the Socialists
- Unit 3 : Evolution of Socialistic thought : Utopian Socialism (Saint Simon, Charles Fourier, Robert Owen, Proudhon), Scientific Socialism (Karl Marx)
Development of Ideas on Capital: Adam Smith and his early critics, Continental Economists- Keynes and Karl Marx
- Unit 4 Rent Theory: The formulation of the Theory of Rent- Malthus, Ricardo and the theoretical Extension of Rent The theories of Interest. The theories of Profit. Theories of wages- Classical and Neo-Classical ideas on wages
- Unit 5 Indian Economic Thought : Early Economic Ideas: Kautilya, Modern Economic Ideas: Ranade, Noroji, M. N. Roy, Gandhi and Nehru

REQUIRED READINGS

- Ganguli, B.N. (1977) : Indian Economic Thought: A 10th Century Perspective, Tata McGraw Hill, New Delhi
- Blaug, M. (1977) : Economic Theory in Retrospect : A History of Economic Thought from Adam Smith to J.M. Keynes (5th ed) Cambridge University Press, Cambridge
- Kautilya (1992) : The Arthashastra, Edited, Rearranged, Translated and Introduced by L.N. Rangarajan. Penguin books, New Delhi


RECOMMENDED READINGS

- Blackhouse, R. (1985) : A History of Modern Economic Analysis, Basil Blackwell, Oxford
- Gide, C. and G. Rist (1956) : A History of Economics Doctrines (2nd ed) George Harrop & Co., London
- Gide, C. and G. Rist (197) : Arthik Vicharon ka Itihas (Hindi) Kailash Pustak Sadan, Gwalior
- Cohn, C. W. McConnel : The Basic Techniques of the Great Economists
- Grey, A. and A. E. Tomson (1980) The Development of Economic Doctrine (2nd ed.) Longman Group, London
- Roll, E. (1973) A History of Economic Thought, Feher, London
- Schumpeter, J.A. (1954) History of Economic Analysis, Oxford University Press, New York
- Seshadri, G.B. (1977) : Economic Doctrines, B.R. Publishing Corporation, Delhi
- V. Lokanathan (1995) A History of Economic Thought, S. Chand & Company Ltd, Ram Nagar, New Delhi

प्रश्न पत्र VII

आर्थिक विश्लेषण का इतिहास

- इकाई I आर्थिक विश्लेषण का इतिहास : प्रकृति एवं महत्व; वणिकवाद : मुख्य विशेषताएँ, प्रकृतिवाद : प्रमुख आर्थिक विचार।
- इकाई II मूल्य का सिद्धान्त : एडम स्मिथ, रिकार्डो, मिल; ऑस्ट्रियन विचारधारा (मेंजर, वाइज़र, बॉम बॉवर्क); सीमान्त उपयोगिता विचारधारा (मार्शल); मूल्य के प्रतिष्ठित सिद्धान्त का विस्तारीकरण: समाजवादी।
- इकाई III समाजवादी विचारधारा का उद्भव : यूरोपियन समाजवाद (सेंट साइमन, चार्ल्स फुरियर, रॉबर्ट ओवेन प्रोद्योन); वैज्ञानिक समाजवाद (कार्ल मार्क्स)
- पूँजी पर विचारों का विकास : एडम स्मिथ एवं उसके प्रारम्भिक आलोचक, कॉन्टिनेन्टल अर्थशास्त्री – कीन्स एवं कार्ल मार्क्स।
- इकाई IV लगान सिद्धान्त : उद्भव; माल्थस, रिकार्डो एवं लगान का सैद्धान्तिक विस्तारीकरण, ब्याज का सिद्धान्त, लाभ का सिद्धान्त, मजदूरी का सिद्धान्त : प्रतिष्ठित एवं नव-प्रतिष्ठित विचारधाराएँ।
- इकाई V भारतीय आर्थिक विचार : प्रारम्भिक आर्थिक विचार-कौटिल्य, आधुनिक आर्थिक विचार-नैरोजी, रानाडे, एम.एन. राय; नेहरू एवं गांधी के आर्थिक विचार।


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PAPER VIII
ECONOMY OF INDIA AND RAJASTHAN

Unit I : National Income of India : Its measurement at current and constant prices, Growth and structure of National Income, Inter-State variations, State domestic product and per capita income
Saving and Capital formation : The process of Physical Capital formation; Estimates of saving and Capital formation; Human capital formation in India

REQUIRED READINGS

Datt and Sundaram : Indian Economy, (Latest Edition)

Agarwal, A.N. : Indian Economy (Latest Edition)

Unit 2 : Product Sector : Agriculture in National Economy, Policy measures relating to Productivity.; Land Reforms; Size of Farms and Profitability : Green Revolution

Industrial Sector : Structural Pattern, Industrial and Licensing Policy; Policy measure relating to large sale, small scale and cottage industries

REQUIRED READINGS

Datt and Sundaram : Indian Economy, (Latest Edition)

Agarwal, S.N.: Indian Economy, (Latest Edition)

RAJASTHAN'S ECONOMY

Unit 3 : Natural Resources : Natural Resources Endowment, Problems and Policy about their utilization, State Income of Rajasthan ; Trends in State and per capita income

Economic Planning in Rajasthan : Objectives and achievements

REQUIRED READINGS

Mamoria and Hingorani (Eds.) : Industrial Potential of Rajasthan

Govt. of Rajasthan : State Income of Rajasthan (Directorate of Statistics and Economics) Govt. of Rajasthan: Five Year Plans

Unit 4 : Agricultural Sector: Land utilization, Cropping pattern Principal crops
Agricultural Development during the Five Year Plans: Seeds Fertilizers, Food grains and Irrigation; progress and problems of Land Reforms
Industrial Sector : Development of industrial structure during Five Year Plans, Small scale industries : Development, Problems and prospects, Role of RFC and RIICO In the industrial development of Rajasthan

REQUIRED READINGS

Govt of rajasthan : Budget Studies

Nathuramka : Bhartiya Arthavyavastha Ki Samasyain (Latest Ed.)

NCAER; Techno-Economic Survey of Rajasthan

Mathur, Hari Mohan : Rajasthan Ka Audhyogik Vikas, RHG Academy

Mamoria and Hingorani (Eds.) : Industrial Potential of Rajasthan

Unit 5 : Economy of Arid Rajasthan; Salient features of arid region, Recurring famines; Causes and effects, Desert Development Policy and programs.

Animal Husbandry; Economic Importance of Livestock Specially for arid region ; Dairy development programmer

REQUIRED READINGS

Govt. of Rajasthan : Report of Desert Development Commission

CAZRI : Arid Zone Research in India Souvenir, released in January, 1978 on the occasion of the Silver Jubilee
 Govt. of Rajasthan : Budget Studies
 RECOMMENDED REDINGS
 Govt. of India : Statistical Abstract of India
 Govt. of Rajasthan : Statistical Abstract of Rajasthan
 CAZRI : Annals of Arid Zone
 Govt of India : Five Year Plans and their Progress Reports
 Nathuramka, L.N.: Bhartiya Arthvyavastha Ki Samasya in (Latest ed.)

प्रश्न पत्र VIII

भारत एवं राजस्थान की अर्थव्यवस्था

- इकाई I भारत की राष्ट्रीय आय : इसकी चालू तथा स्थिर कीमतों पर माप, राष्ट्रीय आय की संरचना एवं वृद्धि, अन्तर-राज्यीय विविधताएँ, राज्य घरेलू उत्पाद एवं प्रति व्यक्ति आय।
 बचत एवं पूँजी निर्माण, भौतिक पूँजी निर्माण की प्रक्रिया, बचत एवं पूँजी निर्माण के अनुमान, भारत में मानव पूँजी निर्माण।
- इकाई II उत्पादन क्षेत्र : राष्ट्रीय अर्थव्यवस्था में कृषि, (अ) उत्पादकता (ब) भूमि सुधार (स) जोतों का आकार एवं (द) लाभदेयता से सम्बन्धित नीति-निर्देश, हरित क्रांति
 औद्योगिक क्षेत्र : संरचनात्मक प्रारूप, औद्योगिक एवं लाइसेंसिंग नीतियाँ; वृहद्, लघु एवं कुटीर उद्योगों से सम्बन्धित नीतियाँ।

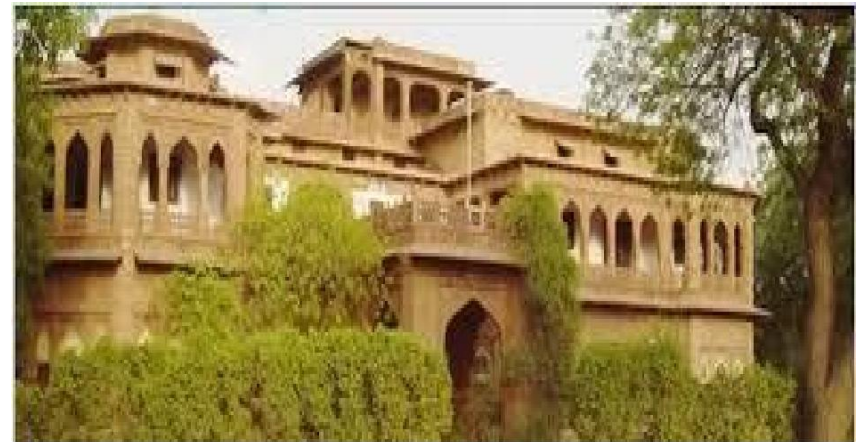
राजस्थान की अर्थव्यवस्था

- इकाई III प्राकृतिक संसाधन : प्राकृतिक संसाधन उपलब्धता, प्रयोग सम्बन्धित समस्याएँ एवं नीतियाँ राजस्थान की राज्य आय : राज्य आय एवं प्रति व्यक्ति आय के रुझान
 राजस्थान में आर्थिक नियोजन : उद्देश्य एवं प्राप्ति।
- इकाई IV कृषि क्षेत्र : भूमि उपयोग, फसलों का प्रारूप, प्रमुख फसलें, योजना अवधि में कृषि विकास: बीज, उर्वरक, खाद्यान एवं सिंचाई, भूमि सुधारों का विकास एवं समस्याएँ।
 पंचवर्षीय योजनाओं के दौरान औद्योगिक विकास, लघु एवं कुटीर उद्योग:- विकास, महत्व एवं समस्याएँ, राजस्थान के औद्योगिक विकास में RFC एवं RIICO की भूमिका
- इकाई V मरु राजस्थान की अर्थव्यवस्था : मरु क्षेत्र की प्रमुख विशेषताएँ, आवर्ती अकाल - कारण एवं प्रभाव, मरुस्थल विकास : नीतियाँ एवं कार्यक्रम
 पशुपालन : मरु क्षेत्र के लिए पशुधन का आर्थिक महत्व, डेयरी विकास कार्यक्रम के कारण एवं प्रभाव

SYLLABUS

Certificate course Rural Banking

Jai Narain Vyas University, Jodhpur (Rajasthan)



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SYLLABUS


Certificate course in Rural Banking

**Department of Economics, Faculty of Arts, New
Campus, Jodhpur**

JAI NARAIN VYAS UNIVERSITY

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Department of Economics
JNV University
Jodhpur

**DEPARTMENT OF ECONOMICS
FACULTY OF ARTS,
JAI NARAIN VYAS UNIVERSITY, JODHPUR**

INFORMATION ABOUT THE DEPARTMENT OF ECONOMICS

S.No	Name	Designation Qualification	Qualification	Specialisation
1	Dr. Madan Mohan	Associate Professor & Head	M.A. M. Phil Ph. D.	Industrial Economics, Micro Economics
2	Dr. L.L. Salvi	Assistant Professor	M.A. ,NET, Ph.D.	Econometrics
3	Mr. Parvez Ali	Assistant Professor	M.A. NET	Labour Economics
4	Dr. Kanta Choudhary	Assistant Professor	M.A. NET Ph.D	Economic development
5	Mrs. Rekha	Assistant Professor	M.A. NET	Labour Economics
6	Dr. Jaya Bhandari	Assistant Professor	M.A. M. Phil Ph. D.	Industrial Economics
7	Dr. Rajni Kant Trivedi	Assistant Professor	M.A. M. Phil Ph. D.	Mathematical Economics
8	Mr. Shravan Raj	Assistant Professor	M.A. NET SLET	Agriculture Economics
9	Dr. Dev Karan Genwa	Assistant Professor	M.A. NET SLET Ph. D.	International economics

[Type text]


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Jai Narain Vyas University, Jodhpur (Rajasthan)

GENERAL INFORMATION

Eligibility for Admission

Graduate/Post-Graduate from any discipline, securing a minimum of 45% marks at degree or post-graduate Examination is eligible for admission.

Admission Procedure

Admission will be made on merit basis, as per University Rules

Duration

The duration of the course will be six months.

Number of Seats: Minimum 15.

Medium

English/Hindi will be medium, both for Teaching and Examination.

To declare pass, a candidate must secure 45% marks in paper.


	SCHEME OF EXAMINATION			
The scheme of examination shall be as follows :				
S.No	Title of the Paper	Period	Maximum	Duration of
		per week	Marks	Examination
1.	Certificate Course in Rural Banking	06	75	03 hours
2.	Case Study	-	25	-

Patten of Examination

There will internal choice in units. Total no of Question to be attempted will be five.

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Note: Max. Fee- Rs.6000/-


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Marks-75

Syllabus
A CERTIFICATE COURSE IN RURAL BANKING

Unit 1. Natural Resources in Rural Economy – Land, Water, Forests, Population,
Role of Agriculture in Indian economy.

Rural unemployment – Nature, Types, Magnitude, Remedial Measures,
Rural Employment Scheme,- IRDP, NREP, TRYSEM, DWCRA,
SGSY,DPA, MGNREGA

Unit 2. Community Development Programme – Objective, Organization and
Administrative set-up, Various Programme-, Minimum Needs
Programme, Jawahar Rojgar Yojana.

Rural credit and Rural Indebtedness – Need for credit in agriculture,
Sources of rural credit, Causes of rural indebtedness, Evils of
indebtedness

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- Unit 3. Principles and functions of banking, Special features, Negotiable instruments, Cheques, Bill of Exchange, Promissory Notes.
Banker customer relationship, Psycho-demographic approach Customer centric vs business centric approach, Balance sheet of banking
- Unit 4. Co-operative banking-Struchtrue, Functions RBI functions and role, NABARD, Lead Bank Scheme, RRB objective and functions.
Banking and I.T., E-banking. ATM. M-banking
- Unit 5 Domestic Cash Management, ST/MT Funding, Meaning and importance cash management, Objectives, Cash flow cycle, Cash flow budgeting and forecasting, Electronic cash management, MT and LT funding,
Regulation, Supervision and Compliance- Need and significance of internal and external audit.

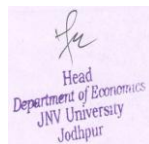
Reference:

1. Ruddar Datta & K.P.M. Sundharam (2004), S.Chand and Company Lrd. Ram Nagar, New Delhi.- Indian Economy.
2. S. C. Ray -Agricultural Indebtedness in India
3. Dr. C.B. Memoria, Dr. B.B Tripathi Kitab Mahal, Allahabad.Agricultural Problems in India.
4. V. T. Krishnamachary- Community Development

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In India

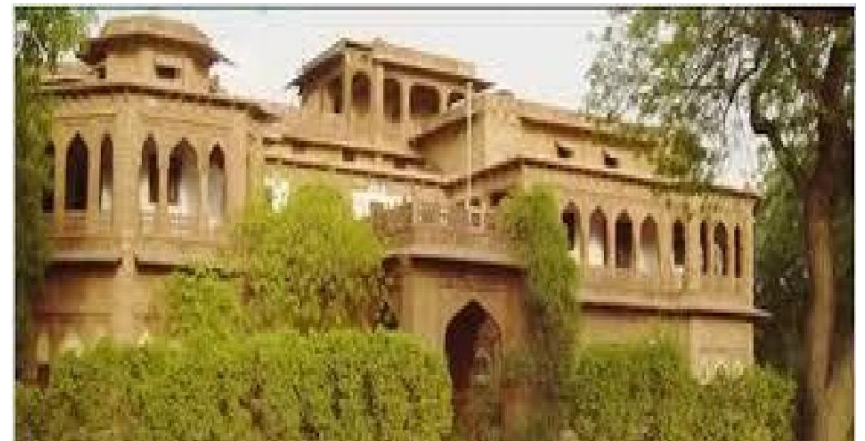
5. Banking Regulation Act.
6. Basu. A.K. Fundamentals of Banking Theory and Practice.
7. Chatterjee, A., Bank Credit Management.
8. Choubay, B.N., Principles and Practice of Co-operative Banking.
9. Tanan, M.L. Banking Law and Practice in Nagotiable Instrument India Act.
10. Banking Books Evidence Act.
11. RBI. Manual for UCB
12. Tanan, M.L., Banking Law and Practice
13. Basu, A.K., Fundamentals of Banking Theory and Practice
14. Chatterjee, A., Bank Credit Management
15. IBA, Study Material
16. Prasanna Chandra, Managing Investments



SYLLABUS


POST –GRADUATE DIPLOMA IN POPULATION STUDIES AND DEMOGRAPHY (One Year Course)

Jai Narain Vyas University, Jodhpur (Rajasthan)




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IMPORTANT

With a view to bring about greater reliability, validity and objectivity in the examination system and also for closer integration of teaching, learning and evaluation.

- (i) The syllabus has been divided into units. Questions will be set from each unit with provision for internal choice.
- (ii) In order to ensure that students do not leave out important portion of the syllabus, examiners shall be free to repeat the questions set in the previous examinations.

[Ref. Resolution No. 21 (c) of Academic Council dated 9-2-84]

NOTIFICATION

In compliance of decision of the Hon'ble High Court all students are required to fulfill 75% attendance rule in each subject and there must be 75% attendance of the student before he/she could be permitted to appear in the examination.

SYLLABUS

POST-GRADUATE DIPLOMA IN POPULATION STUDIES AND DEMOGRAPHY




Department of Economics, Faculty of Arts, New
Campus, Jodhpur

JAI NARAIN VYAS UNIVERSITY

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
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**DEPARTMENT OF ECONOMICS
FACULTY OF ARTS,
JAI NARAI N VYAS UNI VERS ITY, JOD HPUR**


**INFORMATION ABOUT THE DEPARTMENT OF
ECONOMICS**

S.No	Name	Designation Qualification	Qualification	Specialisation
1.	Dr.(Mrs.) Rekha Mehta	Associate Professor & Head	M.A. M Phil NET,Ph.D	Macro Economics, Mathematical Economics
2.	Dr. Madan Mohan	Associate Professor	M.A. M. Phil Ph. D.	Industrial Economics, Micro Economics
3	Dr. L.L. Salvi	Assistant Professor	M.A. ,NET, Ph.D.	Econometrics
4	Mr. Parvez Ali	Assistant Professor	M.A. NET	Labour Economics
5	Dr. Kanta Choudhary	Assistant Professor	M.A. NET Ph.D	Economic development
6	Mrs. Rekha	Assistant Professor	M.A. NET	Labour Economics
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9	Mr.Shravan Raj	Assistant Professor	M.A. NET SLET	Agriculture Economics
10	Dr. Dev Karan Genwa	Assistant Professor	M.A. NET SLET Ph. D.	International economics



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POST-GRADUATE DIPLOMA IN POPULATION STUDIES AND DEMOGRAPHY Jai Narain Vyas University, Jodhpur (Rajasthan)

GENERAL INFORMATION

Eligibility for Admission

Graduate/Post-Graduate from any discipline, securing a minimum of 45% marks at degree or post-graduate Examination is eligible for admission.

Admission Procedure

Admission will be made on merit basis. as per University Rules

Duration

The duration of the course will be one academic session.

Number of Seats: Minimum 15

Medium

English/Hindi will be medium, both for Teaching and Examination. Examination question papers will be in English & Hindi Language.

To declare pass, a candidate must secure 36% marks in each subject/paper and 40% marks in aggregate the division will be awarded as follows:

I Div. 60% and above of the aggregate marks,

II Div. 48% and above but less than 60% of the aggregate marks, &

III Div. 40% and above but less than 48% of the aggregate marks.

Enrolment

If a candidate admitted in the course is not enrolled in this University shall have to enroll himself/herself as per University rules.

Attendance

No candidate shall be allowed to take up examination unless he/she attends at least 75% of the total contact session, each paper.

SCHEME OF EXAMINATION

The scheme of examination shall be as follows :

S.N o.	Title of the Paper	Period per week	Maximum Marks	Duration of Examination
1.	Introduction of population studies	03	100	03 hours
2.	Demography and migration	03	100	03 hours
3.	Population and Development	03	100	03 hours
4.	Statistical methods of demography	03	100	03 hours
5.	Project Work	-	100	-

Note : Students will choose the topic for project from the given areas of work.

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PATTERN OF EXAMINATION PAPER

Question Paper will be divided into three sections namely, 'Section A', 'Section B' and 'Section C' in each section the questions will be asked as follows:

Section A: Intends to test the clarity of concepts and to-the-point knowledge unit-wise.

10 very small questions, (two questions from each unit). Each question will carry 2 marks. Answer of each question shall be limited up to 30 words. This part will be compulsory. $10 \times 2 = 20$

Section B: Intends to test the knowledge unit-wise and capability to elaborate and restrain within limited words.

10 small questions (two questions from each unit). Students will be required to answer one question from each unit. Each question will carry 07 marks. Answer of each question shall be limited up to 250 words.

$5 \times 7 = 35$

Section C: Intends to test the overall-knowledge and capability to explain in detail; of the students.

5 questions (one question from each unit). Students will be required to answer any three questions. Each question will carry 15 marks.

Answer of each question shall be limited up to 500 words

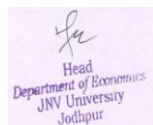
$3 \times 15 = 45$

Note: In case of Numerical, Figures, Charts, Diagrams and Graphs, the above limit of words shall not apply.

Status

This course is a self-sufficiency University course leading to a Post-graduate Diploma in population studies and Demography.

Note: Max. Fee- Rs.14000/-



POST-GRADUATE DIPLOMA IN POPULATION STUDIES AND DEMOGRAPHY

Paper-I: Introduction of population studies

Unit 1-Concept of Population Studies, Nature and Scope of Population Studies, Population growth in India: Trends of India's population growth in the states and union territories, Factors responsible for the growth & its impact on natural Resources.

Unit 2- Indian Census: Historical Background, pre-independence and post-independence census. Details of the latest Indian census, Population policy: concept and ; Features of population policies in the contexts of growth, distribution and composition of population; importance and justification of population policy with reference to resources and globalization.

Unit 3: World: Census, Registration of vital events, Demographic Surveys. Population Registers, India: Census Civil Registration System (CRS), sample Registration Scheme (SRS), National Sample Survey (NSS), Demographic surveys and other sources, Nature and limitation of data from each of the sources, Data appraisal: evaluation and adjustment of data.

Unit 4 : Population Composition and change :Spatial and temporal changes in the size, composition& distribution of population – global perspective with special focus on India, composition of India's

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Population, Demographic Composition, Social Composition, Economic Composition, Cultural Composition, Concept of Ageing .

Unit 5: Mortality, Morbidity and fertility: Mortality- Concepts and measures, Mortality trends, levels and determinants in India with special reference to infant mortality and maternal Mortality, Cause of Death statics, Life Table: basic concept of the life table: types and forms of life table and model life table, Concept of fertility: General Fertility, Gross Fertility, Net reproduction rate, Age-specific Fertility Rate, Child-woman Ratio, Marital Fertility Rate. Total marital Fertility Rate, Crude birth Rate; cohort Fertility Rate.

Suggested Readings:

Bhatia, H. S.: *Ageing and Society*, The Arya's Book Centre Publishers, Udaipur.

Bhende, A. and T. Kanitkar: *Principles of Population Studies*, Himalaya Publishing House, Mumbai.

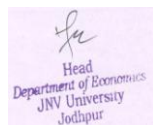
ESCAP: *Population of India*, Country Monograph, Series No. 10, ESCAP, Bangkok.

Heer, David: *Society and Population*, Prentice-Hall, New Delhi.

Krishnan, P. and Mahadevan, K.: *Elderly Population Today: Policies, Problems and Prospects*, B. R. Publishing House, New Delhi.

Mishra, B. D.: *An Introduction to the Study of Population*, South Asian Publishers, Delhi.

Pathak, K. B. and F. Ram: *Techniques of Demographic Analysis*, Himalaya Publishing house.



Paper: II Demography and migration

Unit 1: Demography of India: Age-sex structure, Sex ratio, Density of population, Literacy rate, Work force, Religious composition, Ethnic composition, Linguistic composition, Population and Gender: Concept of gender- its relationship with components of population- fertility, mortality, and migration. Status of women –social, economic, cultural and health. Women empowerment and its demographic consequences

Unit 2: Demography of Rajasthan: Trends of population growth, Age-sex structure, Sex Ratio, Density of population, Literacy rate, Work force structure, Crude birth Rate, Adolescent fertility, Infant and child mortality rate, Nutrition level.

Unit3: Migration: Concept and Types, Determinants and Consequences of Migration; Measures of Internal Migration; Indirect Estimation of Migration: Vital Statistics Method, National Growth Rate Method and Survival Ratio Method; Migration Theories: Ravenstein and Todaro; Issues of Brain Drain, Refugee, Illegal Migration and Human Trafficking;

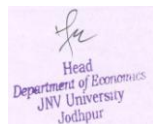
Unit4: Urbanization: Theoretical and conceptual issues, relationship between urbanization and development –Agricultural development and urbanization; urbanization and industrialization linkages; Urbanization, Environment: urbanization, land use change and housing market; urban environment, urban disasters-mitigation and coping strategies, urban policy and programmes in five years plans

Unit 5: Migration and Urbanization Scenario in Rajasthan: Inter district migration stream, Life time migrants, Characteristic features of migrants, Level and trends of Urbanization; Size Class Structure of Urban Centre's; Problems of Urbanization.

Suggested Readings:

Bose, Ashis (2011) Population of India: 2011 Census Results and Methodology, B. R. Publishing Corporation, Delhi

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Bose, Ashis (2001) India's Billion Plus People, B. R. Publishing Corporation, Delhi

Chandana, R. C. (2004) Population Geography, Kalyani Publishers.

Mohapatra, Pyarimohan (eds) (2009) Sustainable Development Bonda Hills,

Barclay, G.: *Techniques of Population Analysis*, John Wiley & Sons, New York.

Bhende, A. and T. Kanitkar: *Principles of Population Studies*, Himalaya Publishing House, Mumbai.

Paper-III: Population and Development

Unit 1: Population-Development: Concepts and Relevance; Importance of Study in the Global Context; Layers of Development, Objective; Types and Sectors of Development; Determinants of Development; Basic Determinants of Population; Channels of Mutual Relationship; Impact of Population on Development; Impact of Development on Population.

Unit 2. Strategies of Development: Changing Emphasis from Growth to Basic Needs; Assumptions, Features and Reasons of Failure of Growth and Basic Needs Strategies; Adjusted Measures of Development: PQLI, HDI, HPI and GDI;

Unit 3: Theories of Development: Rostow's Stages of Economic Growth; Lewis' Theory of Unlimited Supplies of Labour; Leibenstein's Critical Minimum Efforts Thesis.

Unit 4: Quality of Human Resource; Implications of Demographic Change for Human Resources Development; Concept of Human Development: Enlargement of Choice; Some Basic Concepts and Measures of Workforce; Change in Work Participation Rate and Development; Unemployment: Concept, Causes & Consequences;

Unit 5: Concept and Scope of Rural Development; Evolution of the Concept of Rural Development in the Indian Context; Need for Rural Development; Causes of Rural Backwardness; Policies and Programmes for the Development of Rural Industries. Poverty indicators -

Measurement of Rural Poverty, Poverty Line, Poverty Alleviation Programme – MGNREGS, Housing, Food Security: Food Subsidies and Agricultural Subsidies.

Suggested Readings:

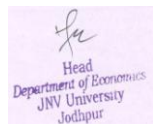
Coale, A.J. and E.M. Hoover (1958) Population Growth and Economic Development in Low Income Countries, Princeton University Press, New Jersey.
Dreze Jean and Amartya Sen (eds) (1988) Indian Development – Selected Regional Perspectives, Oxford University Press, Delhi.
Kuznets, Simon (1966) Modern Economic Growth: Rate, Structure and Spread, Yale University Press, New Haven.
Mahajan, A., P.N. Pimpley and K.P. Singh (1989) Social Development Process and Consequences, Rawat Publication, Jaipur.
Datta, R. and K. P. M. Sundharam, Indian Economy, S. Chand & Company, New Delhi.
Raza, Moonis (eds) (1988) Regional Development, Heritage Publishers, New Delhi.
Vasant Desai: A Study of Rural Economy

Paper IV: Statistical Methods in Demography

Unit 1: Uses and importance of statistics in Demography; Frequency distribution: Uni-variate and Bi-variate; Table – construction and types; Graph – Histogram, Bar Diagram, Frequency Polygon, Ogive, and Pie chart

Unit2: Nature and limitation of data from each of the sources. Data appraisal: Evaluation and adjustment of data, Rate, Ratios, Proportions, Percentage, Measures of Central Tendency: Mean, Median and Mode; their relative merits and demerits; Measures of Dispersion: Range, Quartile Deviation, Mean Deviation and Standard Deviation; Coefficient of Variation.

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Unit3: Measures of Skewness and Kurtosis; Measures of Location: Quartile, Deciles and Percentile; Moving average; Bi-variate Association and Causation: Correlation Analysis - Pearson and Spearman Coefficients; Linear Regression Analysis, Standard Error of Estimate.

Unit4: Population Estimates and Projections: Basic Concept, Need and Types; Application of Population Projection; Methods of Population Projection: Arithmetic, Geometric and Exponential Methods, Rates of population growth: arithmetic, geometric and exponential rates of growth; doubling time; crude rates and standardized methods, methods of population projections, inter-censal/post censal estimates of population.

Unit5: Concept and Importance of Sampling; Difference between Sample Survey and Census; Sampling Frame; Sampling Methods: Simple Random Sampling, Systematic Sampling, Cluster Sampling, and Purposive Sampling; Sampling Design of NFHS-3 Sampling and Non-sampling Errors; Pilot Survey.

Suggested Readings

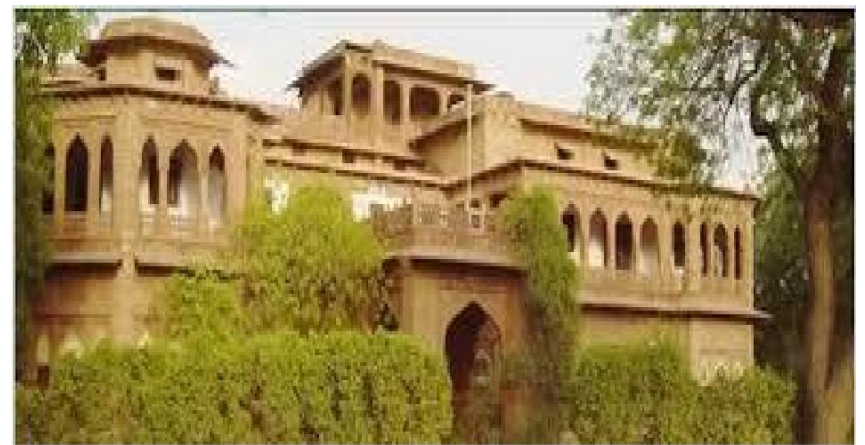
Blalock, H.: Social Statistics, McGraw Hill, New York.
Croxtan, F., Cowden, D. and Clein, S.: Applied General Statistics, Prentice-Hall, New Delhi.
Goon, A.M, Gupta, M.K, and Dasgupta, D.: Basic Statistics, World Press, Calcutta.
Gupta, S.C.: Fundamentals of Statistics, Himalaya Publishing House, Mumbai.
Shryock, Henry S., Jacob S. Siegel and Associate: The Methods and Materials of Demography, Vol. 1; U. S. Department of Commerce, Washington, D.C.
Snedecor, G.W and Cochram, W.G.: Statistical Methods, Oxford & IBH, Delhi.

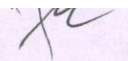
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Certificate Course

Computer Application in Economic
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Analysis**




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DEPARTMENT OF ECONOMICS
FACULTY OF ARTS,
JAI NARAIN VYAS UNIVERSITY, JODHPUR



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JNV University
Jodhpur

INFORMATION ABOUT THE DEPARTMENT OF
ECONOMICS

S.No	Name	Designation Qualification	Qualification	Specialisation
1	Dr. Madan Mohan	Associate Professor& Head	M.A. M. Phil Ph. D.	Industrial Economics, Micro Economics
2	Dr. L.L. Salvi	Assistant Professor	M.A. ,NET, Ph.D.	Econometrics
3	Mr. Parvez Ali	Assistant Professor	M.A. NET	Labour Economics
4	Dr. Kanta Choudhary	Assistant Professor	M.A. NET Ph.D	Economic development
5	Mrs. Rekha	Assistant Professor	M.A. NET	Labour Economics
6	Dr. Jaya Bhandari	Assistant Professor	M.A. M. Phil Ph. D.	Industrial Economics
7	Dr. Rajni Kant Trivedi	Assistant Professor	M.A. M. Phil Ph. D.	Mathematical Economics
8	Mr. Shravan Raj	Assistant Professor	M.A. NET SLET	Agriculture Economics
9	Dr. Dev Karan Genwa	Assistant Professor	M.A. NET SLET Ph. D.	International economics


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 Department of Economics
 JNV University
 Jodhpur

Jai Narain Vyas University, Jodhpur (Rajasthan)

GENERAL INFORMATION

Eligibility for Admission

Graduate/Post-Graduate from any discipline, securing a minimum of 45% marks at degree or post-graduate Examination is eligible for admission.

Admission Procedure

Admission will be made on merit basis. as per University Rules

Duration

The duration of the course will be six months.

Number of Seats :Minimum 15.

Medium

English/Hindi will be medium, both for Teaching and Examination.


To declare pass, a candidate must secure 45% marks in paper.

SCHEME OF EXAMINATION

The scheme of examination shall be as follows :

S.No	Title of the Paper	Period per week	Maximum Marks	Duration of Examination
1.	Certificate Course in Computer Application in Economics Analysis	03	50	02 hours
2.	Practical	03	50	02 hours

Patten of Examination



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There will internal choice in units. Total no of Question to be attempted will be five.

Note: Max. Fee- Rs.6000/-

Status

This course is a self-sufficiency University course.



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Marks:-50

Part-A
Quantitative Technique.

- Unit 1. Frequency, Measurement, Tabulation of data, Averages, Central Tendency, Mean, Mode, Median.
- Unit 2. Dispersion – Range, Standard Deviation, Skewness and Kurtosis.
- Unit.3 . Correlation and Regression, Index Number, Rank correlation.
- Unit 4. Diagrammatic and Graphical Presentation of Data'
- Unit 5. Time Series, Forecasting, Trend, Lorene curve, Ginni co-efficient.

Reference:

1. Gupta, S.C. (1981), Fundamentals of Statistics, Himalaya Publishing House, Bombay.
2. Elhance, D.N. (1962), Fundamentals of Statistics, Kitab Mahal, Allahabad.
3. K.N. Nagar. Fundamentals of Statistic



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Marks-50

Part B
Practical Course

(A) Learning of Compute Techniques

- 1 Initially the students will be introduced to the computer by giving the training in computer use and acquainting them with necessary commands.

(B) Practical Components

1. Every student shall complete the following course of practical during the course duration.
2. The practical topics shall cover statistical processing techniques and methods.

(i) Classification of data : Simple and cumulative frequencies and presentation in suitable table.

(ii) Tabulation of data from a given report

(iii) Presentation of statistical data by way of bar diagrams
: a) Simple bar diagram,
b) Sub-divided bar diagram, c) Percentage bar diagram, d) Multiple bar diagram.

(iv) Presentation of statistical data by way of pie diagram.

(v) Drawing of line graph to represent a given data a) Single variable, b) Multiple variables, c) Range d) Component part based on percentage divisions.

(vi) Presentation of data by way of histogram.


(vii) Drawing of frequency polygon.

(viii) Data presentation through a cumulative frequency curve (Ogive curve) : a) less than, b) more than.

(ix) Calculation of percentage changes and simple and compound growth rates.

(x) a) To find out Mean, median and mode.

b) Locating the median and mode by graphic method to calculate quartiles, deciles and percentiles


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Syllabus 2020-21
Private
FACULTY OF ARTS, EDUCATION & SOCIAL SCIENCES
MASTER OF ARTS
General Information for Students
ECONOMICS

New Examination Scheme:

Part	Total no. Q.	Marks each Q.	Total Marks
A	10	2	20
B	5	7	35
C	3	15	45
		Total	100

The examination for the degree of Master of Arts, education and Social Sciences shall consist of two parts; (I) the Previous- Examination and (ii) The Final Examination.

The examination will be through theory papers practical/viva. Pass marks for the previous and final examinations are 36% of the aggregate marks in all the theory paper and viva/practical, and not less than 25% marks in the individual theory paper/Viva/Practical a candidate is required to pass in the written and the practical viva examinations separately,

Successful candidates will be placed in the following division's on the basis of the total marks obtained in previous and final examinations taken together

First division 60%, Second division 48% and Third division 36%

No student will be permitted to register himself simultaneously for more than one post-graduate course.

ATTENDANCE

1. For all regular candidates in the faculties of arts, Education and Social Sciences, Law, Commerce and engineering, the minimum attendance requirement shall be that a candidate should have attended at least 75% of the lectures delivered and **tutorials held taken together as well as 75% of practice's and sessionals from the** date of his/her admission.

2. Condonation of shortage of attendance

The shortage of attendance upto the limits specified below may be condoned on valid reason:

- i) Upto 6% in each subject plus 5 attendances in all the aggregate of subjects/papers may be condoned by the vice-chancellor on the recommendation of the Dean/Director/Principal for undergraduate students and on the recommendation of the Head of the Department for the post-graduate classes.
- ii) The N.C.C./NSS; Cadets sent out to parades and camps and such students who are deputed by the University to take part in games, athletic or cultural activities may, For purpose of attendance, be treated as present for the days of their absence in connection with the aforesaid activities and that period shall be added to their subject wise attendance.

Note: 1. The attendance for supplementary students will be counted from the date of their admission

2. In the Faculty of Engineering the attendance requirement will apply to each semester

However, in case of practical's where examination is not held at the end of the first semester but at the end of the second semester, attendance will be counted at the end of the second semester taking into account attendance put in both the semesters (i.e first and second)taken together.

MEDIUM

Candidates are not allowed to use any medium except Hindi or English for answering question papers.

For answering papers in the subjects of English/ Hindi the medium will be corresponding Language only

For answering question papers in the subject of Sanskrit the candidates are allowed to use Sanskrit, Hindi or English unless specified otherwise.

INFORMATION ABOUT THE DEPARTMENT OF ECONOMICS

S.No	Name	Designation	Qualification	Specialisation
1	Dr. Madan Mohan	Associate Professor & Head	M.A. M Phil ,Ph.D	
2	Dr.(Mrs.) Rekha Mehta	Associate Professor	M.A. M. Phil NET ,Ph. D.	Macro Economics
3	Dr. L.L. Salvi	Assistant Professor	M.A. ,NET, Ph.D.	Econometrics
4	Mr. Parvez Ali	Assistant Professor	M.A. NET	Labour Economics
5	Dr. Kanta Choudhary	Assistant Professor	M.A. NET, Ph.D	Economic Development
6	Mrs. Rekha	Assistant Professor	M.A. NET	Labour Economics
7	Dr. Jaya Bhandari	Assistant Professor	M.A. M. Phil, Ph. D.	Industrial Economics
8	Dr. Rajni Kant Trivedi	Assistant Professor	M.A. M. Phil, Ph. D.	Mathematical, Economics
9	Mr.Shravan Raj	Assistant Professor	M.A. NET, SLET	Agriculture
14	Dr. Dev Karan Genwa	Assistant Professor	M.A. NET, SLET Ph. D.	International conomics

TEACHING AND EXAMINATION CLASSES

M.A. FINAL				
Compulsory-3 Papers(Papers V to VII)				
Paper V : Public finance	6	100	25	3
Paper VI : International Economics	6	100	25	3
Paper VII : Comprehensive Economics				
Optional-Papers of One Group				
Optional-GROUP A : Agricultural Economics	6	100	25	3
Paper I	6	100	25	3
Paper II				
Optional-GROUP B : Industrial Economics	6	100	25	3
Paper I	6	100	25	3
Paper II				
Optional- Group C : Labour Economics	6	100	25	3
Paper I	6	100	25	3
Paper II				
Optional GROUP D : Mathematical Economics	6	100	25	3
Paper I	6	100	25	3
Paper II				

36% aggregate

M.A. Economics (Final) Examination

New Examination Scheme:

Part	Total no. Q.	Marks each Q.	Total Marks
A	10	2	20
B	5	7	35
C	3	15	45
		Total	100

COMPULSORY PAPERS (Three Papers) V, VI, VII

M.A. FINAL ECONOMICS

PAPER V PUBLIC FINANCE

UNIT 1 Introduction: Normative Approach to Public Finance—The Theory of Optimum Budget. Role of Government in Economic Development; Private goods, Public goods and Merit goods; Market Failure – imperfections, decreasing costs and externalities.

UNIT 2 Taxation: Theory of incidence, Alternative Concepts of incidence, Principles of Taxation—Benefit approach (The Lindahl and Bowen Model), Ability to pay approach (subjective and objective approach, Musgrave and Samuelson's solution). Theory of optimal taxation. Excess Tax Burden, Theory of measurement of dead weight losses.

UNIT 3 Public Expenditure and Public Debt - **Wagner's law of increasing** state activities ; Wiseman Peacock hypothesis, Pure theory of public expenditure; Structure and growth of public expenditure; Reforms in expenditure budgeting; programme budgeting and zero base budgeting. Classical view of public debt; Compensatory aspect of debt policy; Burden of public debt; Sources of public debt; Debt through created money; Principles of debt management and repayment

UNIT 4 Fiscal Policy and Fiscal Federalism : Objectives of fiscal policy—full employment, anti inflation, economic growth, redistribution of income and wealth; Interdependence of fiscal and monetary policies; Budgetary deficits and its implications; Fiscal policy for stabilization—automatic vs. discretionary stabilization, Balanced budget multiplier. Fiscal Federalism : Finance Commission. Devolution of resources and grants; Resource transfer from union to states—Criteria for transfer of resources; Centre—States financial **relations in India; Problems of State's resources from Union and States** to local bodies.

UNIT 5 Indian Public Finances : Indian tax system ; Revenue of the Union, States and Local bodies; Major taxes in India ; Base of taxes, direct and indirect taxes, Reforms in direct and indirect taxes, Taxes on services; Non-tax revenue of Centre, State and Local bodies. Trends in Public Expenditure and Public Debt, Fiscal Crisis and Fiscal Sector Reforms in India.

REQUIRED READINGS

Browning **E.K. and Browning J.M. 2004: —Public Finance and**

the Price System , Pearson Education, Chaps 2

Bagchi, Amaresh.2005:- Readings in Public finance;
Oxford University Press Chaps 4,5,6,7,& 9

Excess Tax Burden, Theory
of measurement of dead weight losses. Musgrave,R.A., and
Musgrave, P.B.1989(Fifth edition): —**Public Finance in Theory and
Practice , McGraw-Hill Chaps 14,15,16 & 17. Musgrave R.A.:**
Chaps. 4,5&7

Herber, B.P.: Chaps.5,6,7

Bagehi A.: Chaps 11,12,13,14

Musgrave R.A.; Chaps. 23,24

Musgrave R.A & Musgrave P.B.: Chaps. 8.9.& 32

Herber, B.P.: Chaps. 4, 22

Herber, B.P.: Chaps. 4, 22

Bagchi, A : Chaps. 16,19,20,21,22,23

Browning E.K. & Browning J.M.: Chap.8

Govt. of India: Reports of Various Finance Commission Musgrave
R.A.: Chaps 17,18, 20

Dutt and Sundram (Latest edition):

—**Indian Economy , S.Chand & Co.,** New Delhi. Kaushik Basu, eds
(2007) : Economics in India – OUP, New Delhi. Govt. of India, Ministry of
Finance: Indian Public Finance statistics Govt. of India, Ministry of
Finance: Raja J. Chaliah Committee Report Govt. of India, Ministry
of Finance: Kelkar Committee Report RBI Bulletins : Various Issues
Economic and Political Weekly : Various Issues Musgrave, R.A.: The
Theory of Public Finance, McGraw Hill Herber, B.P: Modern Public
Finance Economic and Political Weekly : Various Issues Musgrave,
R.A.: The Theory of Public Finance, McGraw Hill Herber, B.P:
Modern Public Finance

प्रश्न पत्र पंचम

लोकवित्त

इकाई प्रथम : प्रारंभिक परिचय : सार्वजनिक वित्त का आदर्शात्मक दृष्टिकोण अनुकूलतम
बजट का सिद्धांत, आर्थिक विकास में सरकार की भूमिका, निजी वस्तुएं,
सार्वजनिक वस्तुएं और उत्कृष्ट वस्तुएं, बाजार विफलताएं, दोष, घटती लागतें
और मितव्ययताएं।

इकाई द्वितीय : करारोपण : करभार का सिद्धांत, करभार के वैकल्पिक सिद्धांत, करारोपण के
सिद्धांत, लाभ दृष्टिकोण (लिण्डाल और बावेन मॉडल) भुगतान सामर्थ्य
सिद्धांत, (व्यक्तिपरक और वस्तुपरक दृष्टिकोण, समग्र और सेम्युलसन हल),
अनुकूल करारोपण का सिद्धांत, अतिरिक्त कर भार।

इकाई तृतीय : सार्वजनिक व्यय और सार्वजनिक ऋण : राज्य की अर्थिक क्रियाओं में वृद्धि
का वैगनर नियम, वाइजमेन पीकॉक परिकल्पनाएं, सार्वजनिक व्यय का शुद्ध
सिद्धांत, सार्वजनिक व्यय की वृद्धि और ढांचा, सार्वजनिक व्यय में सुझाव,
बजटिंग, प्रोग्रामिंग बजट और जीरो बेस बजट।

सार्वजनिक ऋण के प्रतिष्ठित विचार, ऋण नीति के क्षतिपूरक दृष्टिकोण।
सार्वजनिक ऋण का भार, सार्वजनिक ऋण के स्रोत, ऋण के माध्यम से मुद्रा
निर्माण, ऋण प्रबंध के सिद्धांत और पुनर्भुगतान।

इकाई चतुर्थ : राजकोषीय नीति और राजकोषीय संघवाद : राजकोषीय नीति और उद्देश्य
पूर्णरोजगार, गैर मुद्रास्फीति, आर्थिक विकास, आय और धन का पुर्नवितरण,
राजकोषीय नीति और मौद्रिक नीति की पारस्परिक निर्भरता, बजटीय घाटा
और इनके तत्व राजकोषीय नीति के लिए स्थायीकरण, स्वचालित बनाम
स्थायीकरण, संतुलित बजट गुणक, राजकोषीय संघवाद, वित्त आयोग अनुदान
और साधनों को अवमूल्यन, संघीय राज्य से साधन हस्तांतरण, साधनों के
हस्तांतरण के लिए मापदण्ड, भारत में केन्द्र राज्य वित्तीय संबंध, संघीय और
राज्य के स्थानीय निकाय से राज्य के साधनों की समस्याएं।

इकाई पंचम : भारतीय लोकवित्त, भारतीय प्रणाली, संघीय आय, स्थानीय निकाय और राज्य,
भारत में प्रमुख कर, कर का आधार, सेवा पर प्रत्यक्ष और अप्रत्यक्ष कर, केन्द्र
की गैर कर आय, राज्य और स्थानीय निकाय, सार्वजनिक ऋण और
सार्वजनिक व्यय में प्रवृत्तियां, राजकोषीय परिवर्तन और भारत में राजकोषीय
क्षेत्र में सुझाव।

संदर्भित पुस्तकें : मसग्रेव, आर 'सार्वजनिक वित्त के सिद्धांत' एम सी ग्राहिल
हरबर, बी पी 'आधुनिक सार्वजनिक वित्त'

त्यागी बी पी लोकवित्त

दत्त और सुन्दरम 'भारतीय अर्थव्यवस्था एस चांद एण्ड कारपोरेशन, नई
दिल्ली

बागची अमरेश 5 'सार्वजनिक वित्त ओ यू पी

कौशिक और बासु (2007) भारतीय अर्थशास्त्र ओ यू पी

भारतीय सरकार, वित्त आयोग की विभिन्न रिपोर्ट्स

इकोनॉमिक एण्ड पोलिटिकल विकली, वेरियस इश्यूस

PAPER VI
INTERNATIONAL ECONOMICS

- UNIT 1 The pure theory of International Trade : trade under absolute and comparative cost differences, opportunity cost doctrine, the specific factors model, the Heckscher- Ohlin theory, factor-price equalization theorem; Empirical testing of the **Ricardian theory and the H.O. theory, Kravis and Linder's thesis; Role of** dynamic factors : Changes in tastes, technology and factor endowments; the Rybczynski Theorem, Stolper-Samuelson theorem and the Concept of immiserizing growth
- UNIT 2 Terms of trade : Different Concepts of terms of trade, factors affecting terms of trade and importance of the concept; hypothesis of secular deterioration of terms of trade, Instruments of trade intervention : Tariffs: effects of tariffs in partial and general equilibrium, effective rate of tariff, the Optimum tariff; Effects of Import quotas; Differences in the operation of Tariffs and quotas, the concept of equivalence between them, other non-tariff instruments of trade policy; Voluntary exports restraints and export subsidies etc. Trade under imperfect competition : The effect of increased market size; economies of scale and comparative advantage, the significance of intraindustry trade
- UNIT 3 Balance of Payments : Meaning and components, Current account and capital account, surpluses and deficits; Measures to correct disequilibrium; Automatic measures, Quasi-adjustment measures and permanent therapy; Theories of devaluation: Elasticities, absorption and Monetary approaches; Foreign Trade Multiplier with and without foreign repercussions Exchange rate: Determination of exchange rate under floating exchange rate system, Purchasing Power Parity theory; Fixed versus Flexible exchange rates
- UNIT 4 Forms of Economic Cooperation: the theory of Customs Union; the theory of optimum Currency areas, rationale and progress of SAARC/SAFTA and ASEAN Regionalism versus Multilateralism, EU, NAFTA, GATT and WTO : WTO as an organization, TRIPS, TRIMS, Agricultural sector and Agreement on Textiles and clothing, Dispute Settlement understanding IMF : Objectives, Quotas, Par-values, Causes of the breakdown of the Bretton woods system; role of gold, SDR : their creation; working of the SDRs system, SDR valuation, the present system of managed flexibility, IMF financial facilities, conditionality Clause of the IMF; Reforms of the International Monetary system; World Bank, IDA and IFC, Asian Development Bank, Theory of short-term Capital Movements and East-Asian crisis and lessons for developing countries
- UNIT 5 Trade Problems and Trade Policy of India : Recent Changes in the value, **composition and direction of India's exports and Imports, Reforms in India's external sector since 1991, India's forex reserves; recent export-import policies**

REQUIRED READINGS

Krugman, P.A and Obstfeld. M.: International Economics : Theory and Policy, 6/e Pearson Education, 2003 (Herein after referred as text) ch. 2,3,4,
Chacholiades, m : International Economics, 1990, Chs. 4-5 Text : Chaps 5 and 8
Chacholiades, M International Economics. Chs,3,7 and 9 Test: Chs. 9,18,20,22
Chacholiads, M : International Economics, Chs. 10 and 20
Joshi, V. and Little, I.M.D, : India's Economic reforms 1991-2000, OUP, 1998
Verma, M.L.: International trade, Vikas Publishing House Pvt. Ltd., New delhi, 1995
RBI Bulletin : Various Issues
Economic and Political Weekly ; Various issue, Bombay

America economic association ; Readings in International Economics, Richard d. Irwin Inc., 1968
 Bhagwati, j.N., Panagaria, a and Srinivasan, T.N. : Lectures on International Trade 2nd ed OUP-2003
 Caves, R.E.: Trade and Economic Structure, Cambridge, Mass, Harravard University University Press, 1960
 Grauwe, R.D. : Economics of monetary Union, 4th ed., Oxford university Press, 2000
 Haberler G : The Theory of International Trade, London, Mecmillan Co., Ltd., 1937
 Kemp, M.C.: The Pure theory of international Trade and Investment Prentice hall, 1969
 Pugel, T.a.: International Economics 12th ed., mcGrw Hill, 2004 Jones, R.W. and Kenen P.B.(ed) : Handbook of International Economics, Elsevier Science Pub. Vol. I, 1984
 Kenen, P.B., : The International Economy, 4th ed. Cambridge univ. Press, 2000.
 Kreinin. M.E.: International Economics, 9th ed., South-western, Thomson Learning, 2002
 Made, J.E.: The Balance of Payments, London, Oxford University Press, 1951
 Mundell, R.A.; International Economics, macmillan Publishing Co., New York. 1968
 Ohlin, B: Interregional and Intenational Trade, 2nd ed., Harvard University Press, Cambridge mass, 1967
 Venek, j: Studies in the Theory of International trde, New York, Harper and Broth Publisher, 1937
 Falvey, T. and Kreickemier, U.(ed) Recent Development in International trade theory;, Edward Elger Publishing Ltd., 2005

प्रश्न पत्र VI

अन्तर्राष्ट्रीय अर्थशास्त्र

- इकाई –1 अन्तर्राष्ट्रीय व्यापार का विशुद्ध सिद्धांत : निरपेक्ष लागत अन्तर का सिद्धांत एवं तुलनात्मक लागत का सिद्धांत, अवसर लागत सिद्धांत विशिष्ट साधन प्रारूप, हैवश्चर ओलीन प्रमेय, रिकार्डों के सिद्धांत व हैवश्चर ओलीन सिद्धांत की आनुभविक जांच, क्रविस एवं लिडर वाद, प्रावैगिक तत्वों की भूमिका, साधन उपलब्धता, तकनीकी एवं रुचि में परिवर्तन। रिब्जिनस्की प्रमेय, स्टॉलपर सेमुअलसन प्रमेय, कल्याण अवकारक विकास की अवधारणा।
- इकाई –2 व्यापार की शर्तें : व्यापार की शर्तों की अवधारणाएं, व्यापार की शर्तों के निर्धारण घटक एवं व्यापार की शर्तों का महत्व, व्यापार की शर्तों में निरपेक्ष गिरावट की उपपरिकल्पना, व्यापार में बाधाएं उत्पन्न करने वाले घटक

प्रशुल्क : प्रशुल्क का सामान्य एवं आंशिक साम्य विश्लेषण, प्रशुल्क की प्रभावी दर, अनुकूलतम प्रशुल्क, आयात नियतांश के प्रभाव, प्रशुल्क व नियतांश के प्रचालन में अन्तर एवं समानताएं, व्यापार नीति के गैर प्रशुल्क यंत्र, निर्यात अनुदान एवं ऐच्छिक निर्यात नियंत्रण अपूर्ण प्रतियोगिता में व्यापार – बढ़ते हुए बाजार के प्रभाव, पैमाने की बचत एवं तुलनात्मक लाभ, अन्तः उद्योग व्यापार का महत्व।

इकाई –3 : भुगतान संतुलन : अर्थ एवं वर्गीकरण, चालू खाता एवं पूंजी खाता, घाटा एवं अतिरेक, भुगतान संतुलन असाम्य को ठीक करने के उपाय, स्वचालित उपाय, अर्द्ध समायोजक उपाय एवं स्थायी उपाय।

मद्रा अवमूल्यन का सिद्धांत : लोच उपागम, अवशोषण उपागम एवं मौद्रिक उपागम, विदेशी व्यापार गुणक रेपरकुसिन / प्रत्यावर्तन सहित एवं असहित।

विनिमय दर : स्थिर एवं लचीली विनिमय दर, क्रय शक्ति समता सिद्धांत, लचीली विनिमय दर प्रणाली द्वारा विनिमय दर का निर्धारण।

इकाई –4 : आर्थिक सहयोग के रूप : आचार संघ (चुंगी संघ) के सिद्धांत, इष्टतम मुद्रा क्षेत्र का सिद्धांत, SAARC/SAFTA एवं ASEAN के मौलिक तर्क एवं प्रगति।

क्षेत्रीयवाद एवं बहुपक्षीयवाद EU, NAFTA, GATT एवं WTO विश्व व्यापार संगठन संस्था के रूप में, व्यापारिक बौद्धिक संपदा अधिकार, व्यापार से सम्बद्ध निवेश, कृषि क्षेत्र से सम्बद्ध समझौता, कपड़ा एवं वस्त्र समझौता, विवाद निपटारा प्रणाली।

अन्तर्राष्ट्रीय मुद्रा कोष : उद्देश्य, अभ्यंश, समता मूल्य, ब्रेटनवुडस व्यवस्था के ढह जाने के कारण, स्वर्ण की भूमिका, SDR : SDR प्रणाली की कार्य प्रणाली, मूल्यांकन एवं वर्तमान विनिमय दर प्रणाली, IMF की वित्त सुविधाएं, शर्तें, अन्तर्राष्ट्रीय मौद्रिक व्यवस्था में साम्प्रतिक परिवर्तन विश्व बैंक IDA एवं IFC एशियन विकास बैंक, लघु अवधि पूंजी गतिशीलता का सिद्धांत एवं पूर्व एशियन संकट तथा विकासशील राष्ट्रों को पाठ।

इकाई –5 भारत की व्यापार नीति एवं समस्याएं, मूल्य में वर्तमान परिवर्तन, भारतीय आयात एवं निर्यात के स्वरूप एवं दिशा, सन् 1991 से भारतीय बाहरी क्षेत्र में सुधार, भारत में आरक्षित विदेशी मुद्रा निधि, वर्तमान आयात-निर्यात नीति।

PAPER VII COMPREHENSIVE ECONOMICS

- Unit I:- Research Methodology:- Meaning, objectives and Scope of Research, Steps of Social research, Formulation of Research problems, Ethics in Social Research.
- Unit II:- Demography:- Meaning, scope and importance Measures of population Growth, population structure and population distribution Characteristics of Indian population though recent census
- Unit III:- Indian Economy:- Current trends of National Income Current five year plan:- priorities and strategy. Poverty and unemployment.
- Unit IV:- Growth and productivity trends in Indian agriculture. W.T.O. and sustainable agriculture development, globalization. Liberalization and new industrial policy. Co-operative movement in India-structure and development.
- Unit V :- Economy of Rajasthan :-
Current trends of State Income
Current five year plan :- priorities and strategy
Major irrigation projects
Financial promotion policies of state government for Industrial sector,
Co-operative movement in Rajasthan.
- REQUIRED READINGS**
Gopal, M.H. An introduction to research in social Sciences
Goods & Hatt: Methods in Social Research, Mc Graw.
Jhingan, M.L.: demography, vrinda Delhi
Asha A. Bhende, Tara kanitkar—Principals of Population studies
Himalaya Publishing house.
Dutt, Ruddra and sundharam, KPM: Indian Economy, Latest Ed
Nathuram, Laxmi Narayan:- Indian Economy
B.L. Ojha:- Indian Economy
Nathuram, Laxmi Narayan: - Economy of Rajasthan

प्रश्न पत्र – VII

वर्णनात्मक अर्थशास्त्र

- इकाई –1 अनुसंधान प्रविधि – अनुसंधान का अर्थ, उद्देश्य एवं क्षेत्र, सामाजिक अनुसंधान का स्तर, अनुसंधान समस्या का निर्माण, सामाजिक अनुसंधान में नैतिकता
- सहायक पुस्तक : वीरेन्द्र प्रकाश शर्मा : रिसर्च मेथोडोलोजी
- आर. एन. त्रिवेदी, डी. पी. शुक्ला : रिसर्च मेथोडोलोजी, के.एन. नागर : सांख्यिकी के मूल तत्व।
- इकाई –2 जनांकिकी : अर्थ, क्षेत्र एवं महत्व, जनसंख्या वृद्धि, जनसंख्या संरचना एवं जनसंख्या वितरण के माप, जनगणना के द्वारा भारतीय जनसंख्या की मुख्य विशेषताएं।
- सहायक पुस्तकें : एस.सी. श्रीवास्तव – जनांकिकी अध्ययन के प्रारूप – हिमालय पब्लिकेशन हाउस, शिवनारायण गुप्त : जनांकिकी के मूल तत्व

डॉ. जयप्रकाश मिश्रा : जनांकिकी के सिद्धांत – साहित्य भवन पब्लिकेशन

इकाई –3 भारतीय अर्थशास्त्र : राष्ट्रीय आय की वर्तमान प्रवृत्तियां, चालू पंचवर्षीय योजना : प्राथमिकताएं एवं व्यूहरचना, गरीबी एवं बेरोजगारी।

सहायक पुस्तकें : रुद्रदत्त, सुन्दरम, के.पी.एम. – भारतीय अर्थशास्त्र

लक्ष्मीनारायण नाथुराम – भारतीय अर्थशास्त्र

बी. एल. ओझा – भारतीय अर्थशास्त्र (अद्यतन संस्करण)

इकाई –4 भारतीय कृषि में वृद्धि एवं उत्पादकता प्रवृत्तियां, विश्व व्यापार संगठन एवं संघारणीय कृषि विकास, वैश्वीकरण, उदारीकरण तथा नई औद्योगिक नीति, भारत में सहकारिता आन्दोलन – संरचना एवं विकास

सहायक पुस्तकें : रुद्रदत्त, सुन्दरम, के. पी. एम. – भारतीय अर्थशास्त्र

बी. एल. ओझा – भारतीय अर्थशास्त्र (अद्यतन संस्करण)

इकाई –5 राजस्थान की अर्थव्यवस्था

राज्य आय की वर्तमान प्रवृत्तियां

चालू पंचवर्षीय योजना – प्राथमिकताएं एवं व्यूहरचना वृहत्त सिंचाई योजना

औद्योगिक क्षेत्र में राज्य सरकार की वित्तीय प्रोत्साहन नीतियां, राजस्थान में सहकारिता आन्दोलन

सहायक पुस्तक : लक्ष्मीनारायण नाथुरामका – राजस्थान की अर्थव्यवस्था

अनुशासित सामग्री (अद्यतन संस्करण)

OPTIONAL PAPERS
Group A : Agricultural Economics
PAPER I

PRINCIPLES OF AGRICULTURAL ECONOMICS

- Unit 1 : Nature and Scope of agricultural economics: Peculiarities of Agriculture and their effects on production, employment and income. Problems of Agriculture. Role of Agriculture in Economic Development. Agricultural Development, poverty and environment.
- Unit 2 : Agricultural Production function: Relationship between Resources and Products; Principles of choice and Resources allocation: Resource uses, Returns to scale and Farm Size.
Farm incomes and agricultural prices: Reasons of Price fluctuations
- Unit 3 : Measures of stabilisation, Cobweb Theorem and State policies with respect to agricultural prices. Economic efficiency in the Agricultural Industry, Tenure system and farm efficiency.
- Unit 4 : Agriculture and economic growth: Product Market and factor contribution of Agriculture to economic growth. State and Agriculture : Need for and goals of State intervention. The role of state with special reference to credit, marketing and prices.
Salient features of agriculture in U.S.A. Price support and surplus disposal policies.
- Unit 5 : Erstwhile U.S.S.R : Organisation of collective farms and its contribution to Soviet economic development.
Japan : The role of agriculture in modern Japanese economic development
W.T.O. and Agriculture: Domestic support to Agriculture in U.S and E.U and Hong Kong agreement on reduction in export subsidies in U.S. & E.U. Countries.

RECOMMENDED READINGS;

Ahuja, Astha(2006):Agriculture and Rural Development in India. New Century Publications, New Delhi – 110002.

John, W.Mellor : The Economics of Agricultural Development Choen : Economics of Agriculture.

Heady, E.O. : Economics of Agricultural Production and Resources Use, Prentice Hall of India (Chaps. 1,2,3,4,5,8,12,20 and 24)

Eicher and Witt : Agriculture in Economic Development, Vora & Co. Publishers Pvt. Limited, Bombay (Chaps 1,2,5, and 15), 1970

Halcrow, H.C. : Contemporary Reading in Agriculture, Mc-Graw Hill Prentice Hall, N.J., 1955

Gulati, A and T. Kelly (1999) Trade Liberalisation and Indian agriculture, Oxford University Press, New Delhi.

Kahlo, A.S. and Tyagi D.S.(1983): Agricultural Price Policy in India, Allied Publishers, New Delhi

N.L. Aggarwal(2003): Bhartiya Krishi Ka Arth Tantra, Rajasthan Hindi Granth Academy , Jaipur (Hindi)

Schultz, T.W. : Transforming Traditional Agriculture, Yale University, 1964

एम. ए. (अन्तिम वर्ष)
समूह 'अ': कृषि अर्थशास्त्र के सिद्धान्त

प्रथम प्रश्न पत्र

- इकाई -1 कृषिगत अर्थशास्त्र की प्रकृति एवं क्षेत्र, कृषि की विशेषताएं एवं उत्पादन, रोजगार तथा आय की उसके प्रभाव, कृषि की समस्याएं, आर्थिक विकास में कृषि की भूमिका, कृषिगत विकास, गरीबी तथा पर्यावरण।
- इकाई -2 कृषिगत उत्पादन फलन : उत्पादन व साधनों के मध्य सम्बन्ध, चयन के सिद्धान्त एवं साधन आवंटन, साधन प्रतिस्थापन एवं साधन सम्बन्धता, उत्पाद व साधन प्रयोग के मध्य चयन, पैमाने के प्रतिफल एवं फार्म आकार।
- इकाई -3 फार्म आय एवं कृषिगत कीमतें : कीमत उच्चावचनों के कारण, स्थिरीकरण के उपाय, मकड़ी जाला सिद्धान्त एवं कृषिगत कीमतों के संदर्भ में राज्य नीतियां, कृषि उद्योग की आर्थिक दक्षता, भू धारण व्यवस्था एवं फार्म दक्षता।
- इकाई -4 कृषि एवं आर्थिक वृद्धि : आर्थिक वृद्धि में कृषि उत्पाद, बाजार एवं साधन योगदान, राज्य एवं कृषि : राज्य हस्तक्षेप के उद्देश्य एवं आवश्यकता, साख, विपणन एवं कीमतों के विशेष संदर्भ में राज्य की भूमिका।
- इकाई -5 यूएसए में कृषि की मुख्य विशेषताएं, कीमत समर्थन एवं अतिरेक प्रायोज्य नीतियां
- यूएसएसआर : सामूहिक खेती का संगठन तथा सोवियत आर्थिक विकास में इसका योगदान,
- जपान : आधुनिक जापानी आर्थिक विकास में कृषि की भूमिका
- डब्ल्यूटीओ एवं कृषि : यूएस तथा ईयू में कृषि व घरेलू समर्थन एवं यूएस तथा ईयू देशों में निर्यात अनुदान में कटौती पर हॉगकाँग समझौता।

GROUP:A

PAPER II

ECONOMICS PROBLEMS OF INDIAN AGRICULTURE

- Unit 1. Agricultural Policy since Independence: Policy of increasing production and India Land reforms measures and Performance.
- Unit 2 Agricultural Policy since Independence: Policy of increasing production and Productivity in agriculture; New Agricultural Technology- Diffusion and impact. Agricultural labour and Minimum wages policy; Food grains and price policy, Cattle and cattle insurance, Live stock and dairy development; farm Mechanisation Agricultural taxation and subsidies.
- Unit 3 Agricultural problems of India : Problem of share tenancy, size of the farm, small and marginal farmers, Capital formation, irrigation, Problem of surplus cattle, Agricultural marketing and procession, agricultural finance. Dryland farming.
- Unit 4 **A review of India's agricultural growth: Contribution of various factors**-integrated rural development Programme. Special Special Agriculture development programmes for weaker sections such as SFDA,MFAL, Rural employment schemes, Tribal development etc. Effects of agricultural growth on employment wages. Income distribution, regional disparities, Surplus mobilization, foreign trade etc.
- Unit 5 W.T.O and Agriculture: AOA: Domestic support: AMS Product specific and Non-Product specific support in India IPRs and Agriculture. Farm management and Budgeting in India

RECOMMENDED READINGS:

Ahuja, Astha(2006):Agriculture and Rural Development in India.New Century Publications, New Delhi – 110002.

Agarwal, G.D. and Bansal, P.G.: Economic Problems of Indian

Agriculture Agarwal, H.N.: Indian Agriculture (Latest edition)

Chaudhari,Pramit : Problems of Change in Agriculture – The Indian Economy

Misra, G.P. : Some Aspects of changes in Agrarian Structure

Rao, C.H.: Technological change and the Distribution of Gains in Indian

Agriculture Vakil,C.N. and Shah, C.H. : Agriculture Development of India.

Agriculture Vakil,C.N. and Shah, C.H. : Agriculture Development of India.

Mellor, J.M., Weaver, T.F., Lele, U.J. and Simon, S.R. : Development of Rural India,Parts I- A and IV

Wadhwa, C: Some Problems of India's Economic Policy

G.K.Chadha (Ed)(2003): WTO and Indian Economy, Deep and Deep Publisher
New Delhi

Gulati, Ashok and sharma, Ani (1994) — Agriculture under GATT: what it holds for India.

Economic and political weekly, Review of Agriculture.

Govt. of India: Report of the National Commission on Agriculture (Relevant vols)

Govt. of India : Five Year Plans and their Progress Report .

PERIODICALS

Indian Journal of Agricultural Economics

Agricultural Situation in India

Economic and Political Weekly

Statistical Abstract of Rajasthan

समूह 'अ':

द्वितीय पत्र

भारतीय कृषि की आर्थिक समस्याएं

- इकाई प्रथम — भारतीय कृषि अर्थ व्यवस्था की प्रमुख विशेषताएं, कृषि संसाधन, भूमि सुधार कार्यक्रम, उपाय एवं प्रदर्शन।
- इकाई द्वितीय — स्वतंत्रता पश्चात से कृषिगत नीति : कृषि में उत्पादन एवं उत्पादकता बढ़ाने की नीति, नई कृषिगत श्रमिक और न्यूनतम मजदूरी दर नीति, खाद्यान्न व कीमत नीति, मवेशी एवं मवेशी बीमा, पशुपालन एवं डेयरी विकास, खेत यंत्रीकरण, कृषिगत कर एवं अनुदान।
- इकाई तृतीय — भारत की कृषिगत समस्याएं : भागीदार खेतीबाड़ी की समस्याएं, खेत का आकार, छोटे वे सीमांत कृषक, बाजार (विक्रित) एवं बाजार योग्य (विक्रय योग) अतिरेक, बेरोजगार व अल्प बेरोजगार पूंजी निर्माण, सिंचाई, अतिरेक मवेशियों की समस्याएं, कृषिगत विपणन एवं प्रक्रम (प्रक्रिया), गतिविधियां, कृषिगत वित्त, शुल्क भूमि खेतीबाड़ी।
- इकाई चतुर्थ — भारतीय कृषिगत वृद्धि का पुनः परीक्षण : विभिन्न कारकों का सहयोग, समन्वित ग्रामीण विकास कार्यक्रम जैसे लघु कृषक विकास योजना, सीमान्त कृषक एवं कृषि श्रमिक विकास योजना जनजातीय विकास कार्यक्रम, रोजगार, मजदूरी, आय वितरण क्षेत्रीय विशमता, अतिरेक गमन, विदेश व्यापार इत्यादि पर कृषिगत वृद्धि का प्रभाव।
- इकाई पंचम — विश्व व्यापार संगठन व कृषि : कृषि पर समझौता, घरेलू समर्थन, समग्र न्यूनतम पूर्ति विशेष उत्पाद एवं गैर उत्पाद, विशेष भारतीय समर्थन, व्यापार सम्बन्धित बौद्धिक सम्पदा अधिकार एवं कृषि, कृषि खेत प्रबन्ध व भारत में बजट निर्माण प्रक्रिया।

1. नन्दलाल अग्रवाल : भारतीय कृषि का अर्थतन्त्र
2. ए.एन. अग्रवाल : " भारतीय कृषि "

Group C : Industrial Economics

Paper I

ECONOMICS OF MODERN INDUSTRY

- Unit 1 Nature and Scope of Industrial Economics. The Theory of the Industrial Firm, Profit Maximization Versus other objectives of the Industrial Firm, Economics of Scale of Plant and the Firm, Industrial Capital budgeting and financing.
- Unit 2 Output, Product Mix and Pricing decisions by firms under different market structures, Competitive, monopolistic and oligopoly; monopoly indexes.
- Unit 3 Economics of Industry at the Aggregate level, Concepts of Productivity and Cost – Their measurement, Reasons for Productivity and cost differences between firms, Industries and regions.
- Unit 4 Theory of Location of Industries; Meaning and Measurement of Location, Industrial concentration and policy towards industrial concentration.
- Unit 5 Introduction to the calculation and use of the input – output between the consumer and capital goods industries, cost – benefit analysis: Net Present Value (NPV) and Internal Rate of Return(IRR)

REQUIRED READINGS

Robinson: E.A.G. : Structure of Competitive Industry (EH) Pasu, J.S.: Industrial Organisation
Archiboids, G.C.(ed): The Theory of Firm Selected
Reading Basil, S. Yamey(ed): Economics of Industrial Structure : Selected
Readings Hawkins, C J and Pearce, D.W.: Capital investment Appraisal, 1971
Crucial, S.C: Financial Management : An Analytical and Conceptual Approach, 1975, Chap. 17
R.R. Berthwal: Industrial Economics, Wiley Eastern, New Dehli.
Singer, E.M.: Antitrust Economics, Chaps. 3,8 and 10
Leftwich, R.M.: The price system and Resources Allocation
S.C.Kuchhal: Industrial Economy of India
Bain, J.S: Industrial Organisation, 2nd Ed., 1958
Machlup, F: Theories of the Firm : Marginalist Behavioral, Managerial, American Economic Review March 1967,, reprinted in Readings in the Economics of Industrial Organisation, D. Needham(ed)
Mehta, M M : Measurement of Industrial Productivity
Walter Israd: Methods of Regional Analysis-An Introduction to Regional Science
John, W. Kendrick: Productivity Trends in the United States, 1961, Introduction and Chap 1.
Soloman, F.: A Primer on productivity
Walter Israd: Methods of Regional Analysis, Chaps 6 and 7
Perlof, H Regions: Resources and Economic Growth
Uttonm M.N.:Industrial Concentration, 1970

Chenery, H. and Clark, P. Inter Industry Economics, Chaps. 1-2
 Sen, A.K. : Choice of Techniques, An Aspect of the Theory of Planning
 Economic Development, 3rd Ed., 1968
 Sinha and Shawhney: Wages and Productivity in
 selected Indian Industries, 1970, Chaps. 1-3
 Theil Boot and Lock: Operations, Research and
 Quantitative Economics Chap. 3, Input Output
 Analysis, pp. 53-72
 Dwivedi, D.N.: Managerial Economics, Chap-11 Capital Budgeting and
 investment
 Decisions P.279 to 287, 5th edition.
 Car Keeysen and Turner, D.F.: Anti-Trust Policy, 1959
 Theory of Firm: Selected Reading, Archiblod(ed), 1971

समूह – सी औद्योगिक अर्थशास्त्र प्रथम प्रश्न पत्र

आधुनिक उद्योगों का अर्थशास्त्र

- इकाई –1 औद्योगिक अर्थशास्त्र की प्रकृति एवं क्षेत्र, औद्योगिक फर्म का सिद्धान्त, एक फर्म की लाभ अधिकतमीकरण की तुलना अन्य उद्देश्यों से, प्लांट एवं फर्म के आकार की मितव्यवताएं, औद्योगिक पूंजी बजटिंग और वित्तियन।
- इकाई –2 विभिन्न बाजार संरचनाओं के अन्तर्गत फर्म के उत्पादन, उत्पाद मिश्रण एक कीमत निर्णय : प्रतियोगों, एकाधिकारात्मक और अल्पाधिकार, एकाधिकारी सूचकांक।
- इकाई –3 समग्र स्तर पर उद्योगों का अर्थशास्त्र, उत्पादकता और लागत के प्रवयय और उनके माप, फर्मों, उद्योगों एवं क्षेत्रों में उत्पादकता और लागतों में अंतर के कारण।
- इकाई –4 उद्योगों के स्थानीयकरण के सिद्धान्त, स्थानीयकरण का अर्थ और माप, औद्योगिक केन्द्रीयकरण और औद्योगिक केन्द्रीयकरण की नीति।
- इकाई – 5 उपभोक्ता और पूंजी वस्तु उद्योगों के मध्य सम्बन्धों के लिए आदा-प्रदा तकनीक का प्रयोग एवं गणना का प्रारम्भिक ज्ञान, लागत लाभ विश्लेषण, शुद्ध वर्तमान मूल्य एवं आन्तरिक लागत की दर।

GROUP : C
PAPER II

INDIAN INDUSTRY

- UNIT 1 Industrial growth in India since 1951, Rate of growth of industrial investment and output Structure of Industrial Growth: Rates and pattern of growth, Policies of Liberalization and Globalisation, WTO and Indian Industries.
- UNIT 2 Industrial Planning in India, Policies of self-reliance, import substitution and foreign collaboration, industrial Policy: Evolution of Industrial Policy, Evolution of Industrial and Licencing Policy, its critical assessment.
- UNIT 3 Large scale and small scale industries in private sector with particular reference to Financing, Regional distribution and Industrial Sickness; Concentration of economic power(MTRA)
- UNIT 4 Public Sector Industries: Growth, Structure, problems of Public Sector, Management, Pricing and overall efficiency
- UNIT 5 Industrial progress in Rajasthan since 1956, Policy and Programmes to promote large and small-scale industries, critical assessment of Industrial development during plan

REQUIRED READINGS

- Malendaum, W.: Prospects for Indian Development
Rosen, G.: Industrial Change in India
Medhore, P.B.: The Industrial Growth since 1950-An Assessment
Due, John, F. and Frielandeur: Government Finance, Economics of the Public Sector, 4th ed., Irwin, 1969
Mehta, M.M.: Structure of Indian Industries
Gadgil, D.R.: Industrial Evolution of India
Batra, G.S. & Dangwal, R.C: Globalisation and Liberalisation (New Development) Deep & Deep Publications Pvt. Ltd. New Delhi.
Chadda, G.K.: WTO and Indian Industries, Deep & Deep Publications Pvt. Ltd. New Delhi.
Y.K. Alagh : Regional Distribution of Industry in Economics and K.K. Subramanyam : Economic and Political Weekly, April 10, 1971
Jail Ahmed : Import Substitution Change in Indian Manufacturing Industries, 1965-66 (Mimeographed), Harvard Research Centre
Reserave Bank of India: Foreign Collaboration in Indian Industry (Survey Report), 1968
P.D. Ojha : Putting Teeth into the Monopolies Act in Economic and Political Weekly, July 1971 (Special No.) and other articles by the same author in EPW, Jan. 1969 (Annual No) and 28th Feb. 1970.
Government of India: Report of the Industrial Licencing Policy Enquiry - Committee (Dutt Committee) July, 1969
Government of India: Industrial Planning and Licencing Policy (Final Report R.K. Hazari, 1967, Role of Small Enterprise in Indian Economic Development
Government of India: Report of Steel Control Committee (K.N. Raj.), Krishana Swami, Oct., 1966
ARC Report: Public Sector Undertakings, Oct., 1967
Hanson, A.H.: Public Enterprises and Economic Development Florence, P. Sargent: Industry and the State
Gorawala, A.D.: Report on the Efficient Conduct of State Enterprises
Ramanadhan, V.V.: Structure of Public Enterprises in India

Raj K. Nigam (Ed.) Public Sector
 Sabade, B.R.(2001): WTO – A Threat or an opportunity.
 Eighth & Seventh Five Year Plans of Rajasthan Government of
 Rajasthan: Techno-Economic Survey of Rajasthan
 NCAER:Perspective Planning of Rajasthan
 Directorate of Industries and Civil Supplies: Growth potential and
 Prospects, July, 1970
 Vadilal Dagli: A Profile of Indian Industry
 NCAER: Industrial Programmes for the Fourth Plan Rajasthan,
 February, 1969
 Hand-book of Information of public Enterprises, 1970(Bureau of Public Enterprises,
 Ministry of Finance), Lokudyog (Ministry of Finance)

समूह – सी द्वितीय प्रश्न पत्र भारतीय उद्योग

- इकाई –1. सन् 1951 से भारत में औद्योगिक वृद्धि, औद्योगिक निवेश एवं उत्पादन संरचना में औद्योगिक वृद्धि दरों और वृद्धि का स्वरूप, उदारीकरण और भूमण्डलीकरण की नीतियां, विश्व व्यापार संगठन (WTO) और भारतीय उद्योग
- इकाई –2 भारत में औद्योगिक नियोजन, आत्मनिर्भरता की नीतियां, आयात प्रतिस्थापन और विदेशी सहयोग, औद्योगिक, औद्योगिक नीति का उद्गम : औद्योगिक एवं लाइसेंसिंग नीति का उद्गम, इसकी आलोचनात्मक व्याख्या।
- इकाई –3 निजी क्षेत्र के वृहत एवं लघु उद्योगों के विशेष संदर्भ में, वित्तीयन, क्षेत्रीय वितरण और औद्योगिक रुग्णता, आर्थिक शक्ति का केंद्रीयकरण (MTRA)।
- इकाई –4 सार्वजनिक क्षेत्र के उद्योगों, वृद्धि, संरचना, सार्वजनिक क्षेत्र की समस्याएं, प्रबंधन, कीमत निर्धारण और सम्पूर्ण कुशलता।
- इकाई –5 सन् 1956 से राजस्थान में औद्योगिक प्रगति, वृहत एवं लघु उद्योगों को प्रोत्साहन करने की नीतियां एवं कार्यक्रम, योजना काल में औद्योगिक विकास की आलोचनात्मक व्याख्या।

Grop D : Lablur Economics

PAPER I

TRADE UNIONISM AND INDUSTRIAL RELATIONS

- Unit 1 Theories of Labour Movement; features of trade union in general; functions, structures and Finances of Trade Union
- Unit 2 Silent Features of Trade Union in U.k. and U.S.A., detailed study in trade Union movement of India, Employers organization in India; Functions and achievements of International Labour Organisation; ILO and India.
- Unit 3 Collective Bargaining : Meaning, Scope and Implementation of the Collective Bargaining process; Measures to encourage Collective Bargaining in India; Problems of Collective Bargaining of India.
- Unit 4: Industrial Dispute : Prevention and Settlement; Negotiation and Collective Agreements; Conciliation; Mediation; Arbitration ; Strike-the last resort; Role of Government in Union Management Relations; Joint Management Councils: Joint Consultation in Industry
- Unit 5 : Prevention and settlement of Industrial Disputes in India with special attention to : **Grievance Procedure; Works Committees; Standing Orders; Worker's**

Participation in Management in India; A Critical study of the working of conciliation and Arbitration in India.

BOOKS RECOMMENDED

Paul Sultan : Labour Economics, Henry Holt

Gitlow, AL : Labour and Industrial
Society Peling H : A History of
British Trade Unionism.

Singa, G.P. and Sinha, P.R.N. Industrial Relations and Lablur
Legislation, Oxford, I.B.H. Pant, S.C. : Indian Labour Problems.

Punekar and Nadhuri : Trade Union
Leadership in India Harold Orouch ; Trade
Union and Politics in India

Miller, H,: The Political Role of Labour in
Developing Countries Collective Bargaining : A
Workers Education Manual (ILO) Flanders,
A.(ed.) : Collective Bargaining.

Johari, C.K. : Unionism in a Developing Economy

Yoder, D. and Heneman : Labour Economics and Industrial
Relations, South Western Publishing Compa

समूह – डी

प्रश्न पत्र प्रथम

श्रमिक संघवाद और औद्योगिक सम्बन्ध

- इकाई –1 श्रमिक आंदोलन के सिद्धांत, श्रम संघ के मुख्य विशेषताएं, कार्य ढांचा और श्रम संघ की वित्तीय व्यवस्था।
- इकाई –2 संयुक्त राज्य अमेरिका (यूएसए) और (यूके) में श्रमिक संघ की मुख्य विशेषताएं भारत के श्रम संघ आंदोलन का विस्तारित अध्ययन, भारत में रोजगार संगठन, अन्तर्राष्ट्रीय संगठन की उपलब्धियां और कार्य, अन्तर्राष्ट्रीय श्रम संगठन और भारत।
- इकाई –3 सामूहिक सौदेबाजी : अर्थ, क्षेत्र और सामूहिक सौदेबाजी प्रक्रिया, भार में सामूहिक सौदेबाजी का सफल बनाने के उपाय। भारत की सामूहिक सौदेबाजी की समस्याएं।

- इकाई —4 औद्योगिक विवाद : सुलझाने के तरीके और उपाय, पारम्परिक वार्तालाप और सामूहिक समझौता, सुलह तथा मध्यस्थता, स्वेच्छिक विवाचन या स्वेच्छिक पंच निर्णय, हड़ताल श्रमिक संघ के प्रबंध में सरकार की भूमिका, संयुक्त प्रबंध परिषद, उद्योगों में संयुक्त समझौता।
- इकाई —5 भारत में औद्योगिक विवाद को सुलझाने के उपाय, विशेषतः परिवेदना निपटान, कार्य समितियां, स्थायी आदेश, भारत में श्रमिकों के प्रबंध में भागीदारी, भारत में स्वेच्छिक विवाचन या पंचनिर्णय तथा कार्य समितियों का विस्तारित अध्ययन।

Grop: D
PAPER II

WAGES AND SOCIAL SECURITY

- Unit 1 : Labour Market : Characteristics of Labour Market, Wage theories ; Marginal Productivity, Demand and Supply and Collective Bargaining. Wage Payment, Method of Wage Payment; Incentive wage payment, Systems of wage payment in India Exploitation of Labour, Cause of wage differentials Economy of High Wages.
- Unit 2 : Wage Regulation : State Regulation of wages in the U.K., U.S.A. and India. Wages of Industrial and Agricultural Workers in India, Standard of Living of Workers in India, Wage Policy.
- Unit 3. Employment Service Organisation : Organisations, Functions and Achievement of Employments Sercice Organisation and functions in U.K. and U.S.A. (in general). Methods of Labour recruitment in India; National Employment Service Organisation in India, Man Power Planing; Concept, objectives and techniques Man Power Planning in India.
- Unit 4 : Social Security : Social Security in the U.K., U.S.A. and Erstwhile-U.S.S.R. (in general) Social Security in India.
- Unit 5 : Factory Legislation and labour Welfare ; Main Features of Present Factory legislation in India.

Housing of Labour : Problems and Policy in India Labour Welfare in India ; Policy and Measures

RECOMMENDED READINGS

Carter,A.M. : Theory of Wages and Employment.

Gitlow, A.L. Lobour and Industrial Society Singh, V.B.(ed): Industrial Labour in India.

Bloom and Northrup : Economics of Labour Relations Sunha, M.R. (ed) : The Economics of Manpower Planning Nigam. S.B.L : state Regulation of Minimum Wages. Podkar, S.A.: Problems of Wage Policy for Economic Development Dobb, M. : Wages (E and H).

Johri, C.K.(ed): Issues in Indian Labour Policy.

Gilbert, B: The Evaluation of National Insurance in Great Britain Yadav. S.L : Wages Policy and Social Security

समूह : डी

प्रश्न पत्र द्वितीय

मजदूरी और सामाजिक सुरक्षा

- इकाई -1 श्रम बाजार : श्रम बाजार की विशेषताएं, मजदूरी के सिद्धांत, सीमांत उत्पादकता, श्रम मांग और श्रम पूर्ति, सामूहिक सौदेबाजी, मजदूरी भुगतान, मजदूरी भुगतान के तरीके, प्रेरणात्मक मजदूरी भुगतान, भारत में मजदूरी भुगतान की व्यवस्था, श्रमिकों के शोषण की अवधारणा, मजदूरी अन्तर के कारण, अधिकम मजदूरी की अर्थव्यवस्था।

- इकाई -2 मजदूरी नियमन : यूके, यूएसए और भारत में मजदूरी नियमन। भारत में औद्योगिक तथा कृषि श्रमिकों की मजदूरी, भारत में श्रमिकों का जीवन स्तर, मजदूरी नीति।
- इकाई -3 सेवायोजकों का संगठन : संगठन कार्य और उपलब्धियां और (सामान्यतः) यूके, यूएसए में कार्य, भारत में श्रमिकों की भती के तरीके, भारत में राष्ट्रीय सेवायोजकों का संगठन, मानव शक्ति नियोजन धारणा, उद्देश्य और तकनीकी, भारत में मानव शक्ति नियोजन।
- इकाई -4 सामाजिक सुरक्षा यूके, यूएसए (संयुक्त राज्य अमेरिका) में सामाजिक सुरक्षा, सामान्यतः यूएसएसआर के संदर्भ में।
- इकाई -5 श्रम कल्याण और कारखाना सन्नियम, भारत में वर्तमान कारखाना सन्नियम के मुख्य विशेषताएं।
श्रमिकों का आवास : समस्याएं और भारतीय श्रमिक नीति भारत में श्रमिक कल्याण : नीति और प्रावधान।

Group H : Mathematical Economics and Econometrics

PAPER I MATHEMATICAL ECONOMICS

Unit 1 : The theory of consumer behaviour : Utility and indifference curve analysis; Demand functions, elasticity of demand; Income and Leisure, Linear expenditure system, theory of Revealed preference, composite commodities; situations involving risk, behavior under uncertainty
REQUIRED READING

Henderson and Quandt : Micro Economic Theory. 3rd ed., Chaps. 2 and 3

Unit 2: The Theory of Firm, Production functions- Cobb-Douglas, CES Production **functions, Elasticity of substitution, input demands, cost functions, Euler's** theorem, Duality in production, production under uncertainty, Market equilibrium, commodity market equilibrium, factor market equilibrium, Existence and uniqueness of equilibrium, stability of equilibrium: Static stability, Dynamic stability

REQUIRED READING

Henderson and Quandt : Micro Economic Theory Chaps. 4,5 and 6

Unit 3 : Pricing under Monopoly : Monopsony, Monopolistic competition, Duopoly: Oligopoly and Bilateral monopoly, Game theory

REQUIRED READING

Henderson and Quandt : Micro Economic Theory chaps 7,8 Chiang A, II ed : Chapter on Game-Theory

Unit 4 General equilibrium; welfare economics Input-output model (closed as well as open)

REQUIRED READINGS

Henderson and Quandt : Micro Economic Theory, Chaps 9,10,11

Dorfman, Samuelson, Solow : Linear Programming and Economic Analysis

Unit 5 Linear Programming : Simplex method and dual, Hicks_Samuelson model, Solow and Kaldor model (Application of difference and differential equations)

REQUIRED READINGS

Chiang, A.C.: Fundamental Methods of Mathematical Economics

R.G..D.Allen: Macro-Economics

Dorfman, Samuelson and Solow : Linear Programming and Economic Analysis

BOOKS RECOMMENDED

Samuelson, P.A. : Foundation of Economic Analysis

Hicks, J.R. : Value and Capital (Mathematical Appendix)

Dorfman, Samuelson and Solow : Linear Programming and Economic Analysis

समूह – एच प्रश्न पत्र प्रथम गणितीय अर्थशास्त्र

इकाई –1 उपभोक्ता के व्यवहार का सिद्धांत : उपयोगिता एवं उदासीनता वक्र विश्लेषण, मांग की लोच, आमदनी एवं अवकाश, रेखीय व्यय प्रणाली, प्रकट अधिमान का सिद्धांत, संयुक्त वस्तुएं, जोखिम की स्थिति, अनिश्चितता के अंतर्गत व्यवहार।

- इकाई -2 फर्म का सिद्धान्त, उत्पादन फलन—कॉब डग्लस, सी.ई.एस. उत्पादन फलन, प्रतिस्थापन की लोच, आगत मांग, लागत—फलन यूलर प्रमेय, उत्पादन में द्वैदता, अनिश्चितता के अन्तर्गत उत्पादन, बाजार संतुलन, समूह बाजार संतुलन, साधन बाजार संतुलन, अस्तित्व एवं अनइक्यूनों का संतुलन की दृढ़ता : स्थितिक दृढ़ता, गत्यात्मक दृढ़ता ।
- इकाई -3 एकाधिकार के अन्तर्गतम कीमत निर्धारण
एकाधिकात्मक प्रतियोगिता, द्वयाधिकार, अल्पाधिकार एवं द्वि-पक्षीय एकाधिकार, खेल सिद्धान्त ।
- इकाई -4 सामान्य संतुलन, कल्याणकारी आगत —निर्गत मॉडल, (बंद मॉडल व खुला मॉडल) ।
- इकाई -5 रेखिय प्रोग्रामिंग : सिंपलेक्स तरीका एवं द्वैत, हिक्स सॅमुअल्सन मॉडल, सोलो तथा कॉल्डर मॉडल (अन्तर एवं अवकलन समीकरणों का प्रयोग)

Group: H
PAPER II
STATISTICAL FOUNDATIONS AND
ECONOMETRICS

- UNIT I Probability : Conditional Probability and Independence, Random Variables, Density Function-Binomial, Poisson, Normal and Gamma Distribution-Expectations and Moments.
- UNIT I Sampling and Sampling Distributions : Sampling, Sample Mean, Law of Large Numbers, Central Limit Theorem, Sampling from the Normal Distributions, Chi-Square, F and Student 'T' Distributions, Estimation : Parametric Point and Interval Estimation. Methods of finding estimator, Properties of Good Estimator. Testing of Hypothesis and analysis of Variance (Elementary treatment)
- REQUIRED READINGS
Mood, Graybill and Boes : Introduction to the theory of Statistics (3rd ed.)
Chaps. 1 to 4,6,8 and 9
- UNIT III Econometrics: Simple two variable Models, Ordinary Least Square Estimates Maximum Likelihood Estimates, Multi variate least Square Regression, Assumption about Disturbance term
- UNIT IV Important single Equation Problems : Errors in Variables, autocorrelation Multicollinearity, Lags, Heteroscedasticity. Dummy variable, the unit Root test and cointegration.
- UNIT V Simultaneous Equation Model; Need, Problem of Identification, Estimation of exactly Identified Equation-Indirect Least Squares, Estimation of over Identified Equation- Two stage least Square, acquaintance with other Methods.
- REQUIRED READINGS
Johnston : Econometric (II ed.) Chaps. 1,2, 3,5,6,7,8,9,10 and 12
Gujarati, D.W. and Sangeeta : Basic Econometrics (4th ed.), Tata McGraw Hill Publishing Co., 2007 Chap.21


समूह : एच

प्रश्न पत्र द्वितीय

संख्यिकीय बुनियाद एवं अर्थमिति

- इकाई -1 प्रायिकता – संप्रतिबन्ध प्रायिकता एवं स्वतंत्रता, यादृच्छिक चर, घनत्व फलन – द्विपद, प्यासां, प्रसामान्य एवं गामा वितरण – प्रत्याषा एवं आधूर्ण
- इकाई -2 प्रतिचयन एवं प्रतिचयन वितरण : प्रतिचयन, न्यायदर्श माध्य, बड़ी संख्याओं का नियम, केन्द्रीय सीमा प्रमेय, प्रसामान्य वितरण सेस प्रतिचयन काई-वर्ग, F तथा स्टूडेंट T वितरण, आकलन : पैरामेट्रिक, बिन्दु एवं अन्तराल आकलन, आकलन पाने की विधियां, अच्छे आकलन की विशेषण, परिकल्पना परीक्षण एवं विचरण का विश्लेषण (एलिमेन्ट्री ट्रीटमेंट)
- इकाई -3 अर्थमिति : सरल द्विचर मॉडल, सामान्य न्यूनतम वर्ग आकलक, अधिकतम संभविता आकलक, बहुरूपी न्यूनतम वर्ग प्रतीपगमन, वितरक टर्म के संदर्भ में मान्यताएं।

- इकाई –4 महत्वपूर्ण सरल समीकरण समस्याएं : चरों में त्रुटियां, स्वसहसम्बन्ध, बहुसंरेखता, पश्चता, विषम विचलिताय मूक चर, इकाई रूट परीक्षण एवं सहसमाकलन।
- इकाई –5 युगपद समीकरण मॉडल : आवश्यकता, अभिज्ञात की समस्या, यर्थाथत अभिज्ञात समीकरण का आकलन – अप्रत्यक्ष न्यूनतम वर्ग, अति अभिज्ञात समीकरण का आकलन – द्विचरण न्यूनतम वर्ग, अन्य विधियों से परिचय।


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SEMESTER -III**Core Courses IX****ECO -301-PUBLIC FINANCE I**

Unit 1 :	Introduction: Normative Approach to Public Finance—The Theory of Optimum Budget. Fiscal functions : Allocation function, Distribution function, stabilization function
Unit 2 :	Taxation: Principles of Taxation—Benefit approach (The Lindhal and Bowen Model), Ability to pay approach (subjective and objective Approach, Musgrave and Samuelsons's solution).
Unit 3 :	Public Expenditure Wagner's law of increasing state activities ; Wiseman Peacock hypothesis, Pure theory of public expenditure; Structure and growth of public expenditure; Reforms in expenditure budgeting; programme budgeting and zero base budgeting.
Unit 4 :	<p>Fiscal Policy :Objectives of fiscal policy—full employment, anti inflation, economic growth, redistribution of income and wealth; Interdependence of fiscal and monetary policies; Budgetary deficits and its implications; Fiscal policy for stabilization— automatic vs. discretionary stabilization, Balanced budget multiplier</p> <p>REQUIRED READINGS</p> <p>Musgrave, R.A. 1959: —The Theory of Public Finance, McGraw Hill,</p> <p>Herber, B.P. 2004 —Modern Public Finance, (Fifth Edition): Richard, D. Irwin,</p> <p>Browning E.K. and Browning J.M. 2004: —Public Finance and the Price System, Pearson Education,</p> <p>Bagchi, Amaresh.2005 : —Readings in Public Finance; Oxford University Press, Govt. of India: Reports of Various Finance Commission</p> <p>Dutt and Sundram (Latest edition): —Indian Economy, S.Chand & Co., New Delhi. Kaushik Basu, eds (2007) : Economics in India – OUP, New Delhi.</p> <p>Govt. of India, Ministry of Finance: Indian Public Finance statistics Govt. of India, Ministry of Finance: Raja J. Chelliah Committee Report Govt. of India, Ministry of Finance: Kelkar Committee Report</p> <p>RBI Bulletins : Various Issues</p> <p>Economic and Political Weekly : Various Issues</p> <p>Musgrave, R.A.: The Theory of Public Finance, McGraw</p> <p>Hill Herber, B.P: Modern Public Finance</p> <p>Cornes, R and T. Sandler(1986) The Theory of Externalities, Public Goods and Club Goods, Cambridge University Press, Cambridge</p> <p>Dulf, L.(1997) : Government and Market, Orient Longman, New Delhi</p> <p>Bird, R. and O. Olodman(1967) : Reading in Taxation in Developing Countries, John Hopkings University Press, Baltimore</p> <p>Bird, R. and O. Olodman(1967) : Reading in Taxation in Developing Countries, John Hopkings University Press, Baltimore</p> <p>Cutt, J(1969) : Taxation and Economic Development in India, Fridrick A Pralger Publisher, New York</p> <p>Chelliah, Raja J (1971):Fiscal Policy in Under-developed Countries, George Allen and Unwin, Lond</p> <p>Stigliz, Joseph.E (2000) : Economics of Public Sector,</p> <p>Norton. RECOMMENDED READINGS</p> <p>Kaul. I. & Conceicao (Eds)2006: —The New Public Finance, Oxford University Press, New York</p> <p>Mishan, E.J.(1982): Cost Benefit Analysis: An Informal Introduction, George Allen and</p>

	<p>Unwin, London</p> <p>Phyrr, P(1970): Zero Base Budgeting : A Practical Management Tool for Evaluating Expenses, John Wiley, New York</p> <p>Sahni, B.S.(Ed)(1972) : Public Expenditure Analysis : Selected Readings, Rotherdam, University Press</p> <p>Barman, K (1986) : Public Debt Management in India Uppal Publishing House, New Delhi</p> <p>Peacock, A and G.K. Shaw (1976) : The Economic Theory of Fiscal Policy, George Allen and Unwin , London</p> <p>Chelliah, Raja, J et. Al. (1981): Trends and Issues in India, Federal Finance, National Institute of Public Finance and Policy, New Delhi</p> <p>Challiah, R.J.(Ed) (1997): Towards Sustainable Growth, Oxford University Press, New Delhi</p> <p>Jha Raghbendra 1989: Modern Theory of Public Finance, Wiley Eastern Ltd., New Delhi</p> <p>Dutt, R (ed) (2001) : Second Generation Economic Reforms in India Deep & Deep Publication, New Delhi</p> <p>Government of India: Reports of the Tax Reforms Committee Interim and Final (Chairman:Raja J. Chelliah)</p> <p>Tyagi B.P.: Public Finance(Latest ed) Relavant chs., Jai Prakash Nath & Co., Meerut. Govt. of India: Report of Finance Commission Economic Survey(Latest ed)</p> <p>Fiscal Responsibility and Budget Management Act, 2003</p> <p>R.B.I : Report of Currency and Finance</p> <p>Musgrave, R.A. and P.B. Musgrave (1976) : Public Finance in Theory and Practice, McGraw Hill Kogakusha, Tokyo</p> <p>Shome.P(ed) (1995) : Tax Policy Handbook, Tax Division, Fiscal affairs Department International Monetary Fund, Washington D.C.</p> <p>Bagchi, A and Stern N(Eds) (1989) : Tax Policy and Planning in Developing Countries (OUP)</p> <p>Bagchi A.(ed)2005: Readings in Public Finance, OUP</p> <p>Kaushik and Basu (2007) : Economics in India. OUP</p> <p>Mundle S. 2000: Public Finance Policy – Issues for India, Oxford University Press</p>
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Core Course X
ECO 302- INTERNATIONAL ECONOMICS-I

Unit 1 :	The pure theory of International Trade : trade under absolute and comparative cost differences, opportunity cost doctrine, the specific factors model, the Heckscher- Ohlin theory, factor -price equalization theorem; Empirical testing of the Ricardian theory and the H.O. theory, Kravis and Linder's thesis; Role of dynamic factors : Changes in tastes, technology and factor endowments; the Rybczynski Theorem, Stolper-Samuelson theorem and the Concept of immiserizing growth.
Unit 2 :	Terms of trade : Different Concepts of terms of trade, factors affecting terms of trade and importance of the concept; hypothesis of secular deterioration of terms of trade, Instruments of trade intervention : Tariffs: effects of tariffs in partial and general equilibrium, effective rate of tariff, the Optimum tariff.
Unit 3 :	Effects of Import quotas; Differences in the operation of Tariffs and quotas. The concept of equivalence between them, other non-tariff instruments of trade policy; Voluntary exports restraints and export subsidies etc Trade under imperfect competition : The effect of increased market size; economies of scale and comparative advantage, the significance of intra-industry trade.

Unit 4 :	Balance of Payments : Meaning and components, Current account and capital account, surpluses and deficits; Measures to correct disequilibrium; Automatic measures, Quasi-adjustment measures and permanent therapy. REQUIRED READINGS Krugman, P.A. and Obstfeld, M. : International Economics : Theory and Policy, 6/e Pearson Education, 2003 (Herein after referred as text), Ch.2,3,4 Chacholiades, M : International Economics, 1990, Chs. 4,5 Text : Chaps 5 and 8. Chacholiades, M : International Economics, Chs, 3,7 and 9 Text : Chs. 12,15 and 19
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ECO -303-A
PRINCIPLES OF AGRICULTURAL ECONOMICS-I

Unit 1 :	Nature and scope of agricultural economics. peculiarities of agriculture, problems of agriculture, role of agriculture in economic development.
Unit 2 :	Agricultural production function:- Law of returns to scale, Law of variable proportion, isoquant curve and least cost combination, cob-Douglas production function
Unit 3 :	Agricultural prices- meaning and causes of price fluctuations, measure of price stabilization, cob-web theorem, agricultural subsidies
Unit 4 :	Agriculture and state – need for state intervention, the role of state with special reference to credit, marketing, and prices, need for agricultural price policy. REQUIRED READINGS Ahuja, Astha(2006):Agriculture and Rural Development in India. New Century Publications, New Delhi – 110002. John, W.Mellor : The Economics of Agricultural Development Choen : Economics of Agriculture. Heady, E.O. : Economics of Agricultural Production and Resources Use, Prentice Hall of India (Chaps. 1,2,3,4,5,8,12,20 and 24) Eicher and Witt : Agriculture in Economic Development, Vora & Co. Publishers Pvt. Limited, Bombay (Chaps 1,2,5, and 15), 1970 Halcrow, H.C. : Contemporary Reading in Agriculture, Mc-Graw Hill Prentice Hall, N.J., 1955 Gulati, A and T. Kelly (1999) Trade Liberalisation and Indian agriculture, Oxford University Press, New Delhi Kahlo, A.S. and Tyagi D.S.(12983): Agricultural Price Policy in India, Allied Publishers, New Delhi N.L. Aggarwal(2003): Bhartiya Krishi Ka Arth Tantra, Rajasthan Hindi Granth Academy, Jaipur (Hindi) Schultz, T.W. : Transforming Traditional Agriculture, Yale University, 1964 Sadhu, A.N and Singh, A.(2000): Fundamentals of Agricultural Economics, Himalaya Publishing House, New Delhi

ECO -303B

ECONOMICS OF MODERN INDUSTRY- I

Unit 1 :	Nature and Scope of Industrial Economics. The Theory of the Industrial Firm, Profit Maximization Versus other objectives of the Industrial Firm, <u>Economics</u> of Scale of Plant and the Firm.
Unit 2 :	Pricing under perfect competition : Meaning, features, price determination under perfect competition- short run and long run difference between firm's and

	industry's equilibrium. Pricing under simple and discriminating monopoly; meaning. Price and Output determination under monopoly, discrimination monopoly, monopoly index- Lerner, Rothschilds and Bain
Unit 3 :	Pricing under monopolistic competition: meaning, features, price and output determination under monopolistic competition, group equilibrium, product differentiation and selling costs. Pricing under oligopoly: meaning, features, price and output determination under oligopoly. Kinked demand curve. Price leadership models and collusive, Non- collusive models.
Unit 4 :	<p>Cost Volumes - Profit the Break Even Analysis: Introduction, Meaning, Objectives, Concepts and nature, assumptions of cost volume, profit and break even analysis, three alternatives to explain break even analysis, methods of break even analysis-with help numerical example.</p> <p>REQUIRED READINGS</p> <p>Robinson: E.A.G. : Structure of Competitive Industry (EH)</p> <p>Pasu, J.S.: Industrial Organisation</p> <p>Archiboids, G.C.(ed): The Theory of Firm Selected Reading</p> <p>Basil, S. Yamey(ed): Economics of Industrial Structure : Selected Readings</p> <p>Hawkins, C J and Pearce, D.W.: Capital investment Appraisal, 1971</p> <p>Crucial, S.C: Financial Management : An Analytical and Conceptual Approach, 1975, R.R. Berthwal: Industrial Economics, Wiley Eastern, New Dehli.</p> <p>Singer, E.M.: Antitrust Economics, Leftwich, R.M.: The price system and Resources Allocation</p> <p>Bain, J.S: Industrial Organisation, 2nd Ed., 1958</p> <p>Machlup, F: Theories of the Firm : Marginalist Behavioral, Managerial, American Economic Review March 1967,, reprinted in Readings in the Economics of Industrial Organisation, D. Needham(ed)</p> <p>Mehta, M M : Measurement of Industrial Productivity</p> <p>Walter Israd: Methods of Regional Analysis-An Introduction to Regional Science</p>

ECO -303C TRADE UNIONISM AND INDUSTRIAL RELATIONS- I

Unit 1 :	Meaning, Concept, significance and peculiarities of labour, nature, scope and importance of labour economics, Characteristics of labour market in India .Paradigms of labour market-classical, neo classical and dualistic.
Unit 2 :	Labour migration-trends and effects. Absenteeism of industrial labour in India, causes, effects and remedies. Problems of labour. India's labour policy
Unit 3 :	Personnel management-concept, definition, characteristics And functions. Philosophy and principles of personnel management; Role, importance, objectives and kinds of communication in personnel management. Personnel management in India
Unit 4 :	<p>Training and Development of Human Resources, objects and importance. Methods and Procedure of training. Types, levels and principles of training</p> <p>REQUIRED READINGS</p> <p>Dalt, G (1996), Bargaining Power, wages and employment: An Analysis of agricultural labour market in India, sage publications New- Delhi</p> <p>Hajela P.D.(1098), labour Restructuring in India; A critique of the new economic</p>

	<p>policies, common wealth publishers, New-Delhi</p> <p>Lester, R.A(1964), economics of Labour (2nd edition) Macmillan, New-Delhi</p> <p>McConnell, C.r. and S.L. Bure (1986), Contemporary Labour Economics, Mcgrdw-Hill, New-York.</p> <p>Rosenberg M.R. (1988), Labour markets in low Income Countries in Chenery, H.B. and T.N. Srinivasan, (Eds) The Handbook of Development Economics, North-Holland, New York</p> <p>Davar, R.s Personnel management and industrial Relation Reynolds, L.G. Labour Economics and labour Relations</p> <p>Sharma, D.C. and R.C. Industrial Relations and Personnel Management</p> <p>T.N. Bhagoliwal : Labour Economics and industrial Relations (Hindi and English Edition)</p>
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ECO -303D

MATHEMATICAL ECONOMICS -I

Unit 1 :	<p>The theory of consumer behaviour : Utility and indifference curve analysis; Demand functions, elasticity of demand.</p> <p>REQUIRED READING</p> <p>Henderson and Quandt : Micro Economic Theory. 3rd ed., Chaps. 2 and 3</p>
Unit 2 :	<p>Income and Leisure, Linear expenditure system, theory of Revealed preference, composite commodities; situations involving risk, behavior under uncertainty</p> <p>REQUIRED READING</p> <p>Henderson and Quandt : Micro Economic Theory. 3rd ed., Chaps. 2 and 3</p>
Unit 3 :	<p>The Theory of Firm, Production functions- Cobb-Douglas, CES Production functions, Elasticity of substitution, input demands, cost functions, Euler's theorem,</p> <p>REQUIRED READING</p> <p>Henderson and Quandt : Micro Economic Theory. 3rd ed., Chaps. 4 &5</p>
Unit 4 :	<p>Duality in production, production under uncertainty , Market equilibrium, commodity market equilibrium, factor market equilibrium, Existence and uniqueness of equilibrium, stability of equilibrium: Static stability, Dynamic stability</p> <p>REQUIRED READING</p> <p>Henderson and Quandt : Micro Economic Theory Chaps. ,5 and 6</p>

ECO- 304A

ECONOMIC PROBLEMS OF INDIAN AGRICULTURE- I

Unit 1 :	Agricultural marketing – meaning, problems, importance and measures to improve the system of agricultural marketing process and PDS
Unit 2 :	Agricultural financial system – need for and problems of agricultural finance, source of agricultural finance special reference to NABARD, regional rural banks, measures to improve the agricultural finance system, rural indebtedness
Unit 3 :	Land reforms policy- meaning, objectives, importance and progress of land reforms during the planning, meaning and causes of sub-division and fragmentation, consolidation of holdings
Unit 4 :	Agricultural mechanization- definition, merits and demerits of agricultural mechanization, problems of agricultural labour, minimum wage policy

RECOMMENDED READINGS:

	<p>Ahuja, Astha(2006):Agriculture and Rural Development in India.New Century Publications, New Delhi – 110002</p> <p>Agarwal, G.D. and Bansal, P.G.: Economic Problems of Indian Agriculture Agarwal, H.N.: Indian Agriculture (Latest edition)</p> <p>Chaudhari,Pranit : Problems of Change in Agriculture – The Indian Economy</p> <p>Misra, G.P. : Some Aspects of changes in Agrarian Structure</p> <p>Rao, C.H.: Technological change and the Distribution of Gains in Indian Agriculture</p> <p>Vakil,C.N. and Shah, C.H. : Agriculture Development of India.</p> <p>Mellor, J.M., Weaver, T.F., Lele, U.J. and Simon, S.R. : <i>Development of Rural India,Parts I-A and IV</i></p> <p>Wadhwa, C: <i>Some Problems of India's Economic Policy</i></p> <p>G.K.Chadha (Ed)(2003): WTO and Indian Economy,Deep and Deep Publisher New Delhi</p> <p>Gulati, Ashok and sharma, Ani (1994) — Agriculture under GATT: what it holds for India</p> <p>Economic and political weekly, Review of Agriculture.</p> <p>Govt. of India: Report of the National Commission on Agriculture (Relevant vols)</p> <p><i>Govt. of India : Five Year Plans and their Progress Report .</i></p> <p>PERIODICALS</p> <p>Indian Journal of Agricultural Economics</p> <p>Agricultural Situation in India</p> <p>Economic and Political Weekly</p> <p>Statistical Abstract of Rajasthan</p>
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ECO -304B

INDIAN INDUSTRY – I

Unit 1 :	<p>Industrial growth in India since 1951, Rate of growth of industrial investment and output. Structure of Industrial Growth: Rates and pattern of growth,</p> <p>REQUIRED READINGS</p> <p>Malendaum, W.: Prospects for Indian Development</p> <p>Rosen, G.:Industrial Change in India</p> <p>Medhore, P.B.: The Industrial Growth since 1950-An Assessment</p> <p>Due,John, F. and Frielandeur: Government Finance, Economics of the Public Sector, 4th ed., Irwin,1969</p> <p>Mehta, M.M.: Structure of Indian Industries</p> <p>Gadgil,D.R.:Industrial Evolution of India</p>
Unit 2 :	<p>Industrial Planning in India, Policies of self-reliance, Import substitution, MNCs and Foreign aid.</p> <p>REQUIRED READINGS</p> <p>Y.K.Alagh : Regional Distribution of Industry in Economics and K.K. Subrabmanyam : Economic and Political Weekly, April 10,1971</p> <p>Jail Ahmed : Import Substitution Change in Indian Manufacturing Industries, 1965-66 (Mimeographed), Harvard Research Centre.</p>
Unit 3 :	<p>Impact of Privatization and Globalization on Indian industries. WTO and Indian industries.</p> <p>Batra, G.S. & Dangwal, R.C: Globalisation and Liberalisation(New Development) Deep & Deep Publications Pvt. Ltd. New Delhi</p> <p>Chadda, G.K.: WTO and Indian Industries, Deep & Deep Publications Pvt. Ltd. New Delhi.</p>

	Sabade, B.R.(2001): WTO – A Threat or an opportunity.
Unit 4 :	Industrial Policy: Evolution of industrial policy and its critical assessment. Industrial Sickness, Concentration of economic power (MTRA) REQUIRED READINGS P.D. Ojha : Putting Teeth into the Monopolies Act in Economic and Political Weekly, July 1971(Special No.) and other articles by the same author in EPW, Jan. 1969(Annual No and 28 th Feb. 1970.)

ECO- 304C

WAGES AND SOCIAL SECURITY – I

Unit 1 :	wage theories: marginal productivity, demand and supply and collective bargaining, Classical, Neo classical and bargaining theories. Productivity and wage relationship.
Unit 2 :	Wages: Meaning of wages, types of wages in India, wages difference, wage Payment, Method of Wage Payment; Incentive wage payment, wage determination: minimum wage, fair wage and living wage, Systems of wage payment in India, Exploitation of Labour, Cause of wage differentials.
Unit 3 :	Labour problems and policy: Characteristics and problems of Agricultural and Industrial Labour, Policy and programmes to improve the conditions of labor, <i>labour</i> Wages of Industrial and Agricultural Workers in India, Standard of Living of Workers in India.
Unit 4 :	Wage Regulation: State Regulation of wages in the U.K., U.S.A. and India. Suggested Readings REQUIRED READINGS Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publisher, New Delhi. Lester, R.A. (1964), Economics of Labour, (2nd Edition), Macmillan, New York. McConnell, C.R. and S.L. Brue (1986), Contemporary Labour Economics, McGraw-Hill, New York Papola, T.S., P.P. Ghosh and A.N. Sharma (Eds.) (1993), Labour, employment and industrial Relations in India, B.R. Publishing Corporation, New Delhi. Hicks J.R. (1932), The Theory of Wages, Clarendon Press, Oxford Memoria, C.B. (1966), Labour Problems and Social Welfare, in India, Kitab Mahal, Allahbad. Bhagoliwal T.N., Economics of Labour and Industrial Relations Sahitya Bhawan Publications, New Delhi

ECO-304D

STATISTICAL FOUNDATIONS AND ECONOMETRICS- I

Unit 1 :	Probability : Conditional Probability and Independence, Random Variables, Density Function-Binomial, Poisson, Normal and Gamma Distribution-Expectations and Moments.
Unit 2 :	Econometrics : Nature, Meaning and Scope of Econometrics, Simple linear regression Model- Assumptions, Estimation (through Ordinary Least Square method)

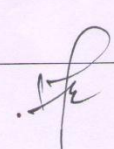
Unit 3 :	Concepts and derivation of R^2 and adjusted R^2 ; Maximum likelihood Estimates, Multiple regression analysis and its numerical application.
Unit 4 :	Nature, test, Consequences and remedial steps of problems of Heteroscedasticity, Autocorrelation and Multicollinearity. REQUIRED READINGS Mood, Graybill and Boes : Introduction to the theory of Statistics (3 rd ed.) Johnson : Econometric (II ed.) Gujarati, and Sangeeta : Basic Econometrics (4 th ed.) Tata McGraw Hill Publishing Co., 2007

Skill Course- 3

DATA ANALYSIS

Course Description:

Unit 1 :	Sources of data. Population census versus sample surveys. Random sampling, Estimation of population parameters from sample data. Unbiased estimators for population mean and variance.
Unit 2 :	Uni-variate frequency distributions. Measures of central tendency: Mean median and mode; arithmetic, geometric and harmonic mean. Measures of dispersion, skewness and kurtosis.
Unit 3 :	Bi-variate frequency distribution. Correlation and regression. Rank correlation.
Unit 4 :	Introduction to probability theory. Notions of random experiment, sample space, event, probability of an event. Conditional probability. Independence of events. Random variables and probability distributions. Binomial and normal distributions REQUIRED READINGS P.H. Karmel and M. Polasek (1978), <i>Applied Statistics for Economists</i> , 4th edition, Pitman M.R. Spiegel (2003), <i>Theory and Problems of Probability and Statistics</i> (Schaum Series). Elhance, D.N. : Fundamental of Statistics Croxton and Cowden : Applied General Statistics Spiegel, R.M. : Theory and Problems of Statistics Elhance, D.N. : Fundamentals of Statistics (HE), K.N. Nagar: Statistics, Meenakshi Prakashan, Meruth


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SEMESTER II

Core Course –II

ECO – 201 MICRO ECONOMIC THEORY II


Unit 1 :	Compensated demand curves and their application; Revealed Preference theory Consumer's choice involving risk. Hicks Version of Demand Theory. Consumer Surplus, Welfare economics: Pareto optimality, conditions for maximum welfare: New Welfare Economics; social welfare function. Theory of the second best and compensation criteria; Walras's Law.
Unit 2 ;	Elasticity of substitution; Euler's theorem; Technical Progress and Production function, Cobb-Douglas Production function, Cost Curves and Revenue Curve
Unit 3 :	Monopolistic Competition-general and Chamberlin approaches to equilibrium; equilibrium of the firm and the group with product differentiation and selling costs, excess capacity under monopolistic competition, criticism of monopolistic competition. Oligopoly- old Classical Models of oligopoly: (Cournot, Bertrand, Edgeworth and Modern models –collusive, Non-collusive , Kinked demand curve and Stackelberg's Solution)
Unit 4 :	Marginal productivity Theory, Factor price and employment determination under Competitive and imperfectly competitive markets
	REQUIRED READINGS Gould and Lazear : Micro Economic Theory, Sixth Edition (Richard D Irwin Inc. Illinois) Joshi, J.M.& Joshi, Rajendra: Micro Economics Koutsoyiannis : Modern Micro Economics Hicks, J.R. : Value and Capital Friedman Milton : Price Theory Chamberlin : Theory of Monopolistic Competition Leftwich ; The Price System and Resource Allocation Baumol : Economic Theory and Operational Analysis Bilas, R.A. : Micro Economic Theory

Core Courses- VI

ECO 202-MACRO ECONOMICS II

Unit 1 :	Investment Function-Marginal efficiency of investment and level of investment; Marginal efficiency of Capital and investment; The accelerator theory of Investment; The impact of inflation. Demand for Money : Keynes's liquidity Preference approach, post- Keynesian approaches to demand for money; Patinkin and the Real Balance effect, Approaches of Baumol and Tobin; Friedman and the modern quantity theory; Crisis in Keynesian economics and the revival of monetarism
	REQUIRED READINGS

	Tex Chs, 17 & 18
Unit 2 :	<p>Supply of Money; Financial intermediation a mechanistic model of bank deposit determination – A behavioral Model of money supply determination, a demand determined money supply, Process, RBI approach to money supply; High powered money and money multiplier; budget deficits and money supply; money supply and open economy; control of money supply.</p> <p>REQUIRED READINGS</p> <p>Rosalind, Leavacic and Rebmman : Macro Economics _ An Introduction to Keynesian – Neo Classical Controversies 2/e, reprint 1991, Chs. 2,3,,10 Gupta G.S. : Macro Economics- Theory and Applications, 2001</p>
Unit 3 :	<p>Theory of Inflation- classical, Keynesian and Monetarist approaches to inflation structuralize theory of inflation; Philips curve- short run and long run philips curve; Samuelson and Solow- the natural rate of unemployment hypothesis; Tobin's modified Philips Curve; Adaptive expectations and rational expectations; Policies to Control inflation;</p> <p>REQUIRED READINGS</p> <p>Tex Chs, 13 & 18</p> <p>Rosalind, Levacic and Rebmman: Chs 8,9, and 18</p>
Unit 4 :	<p>Business Cycles : Theories of Schumpeter, Kaldor Samuelson and Hicks, Real Business cycle theory and Goodwin's Model; Control of Business Cycles- relative efficiency of Monetary and Fiscal policy. New classical Macro Economics : The new classical critique of Micro Foundation, the New classical approach</p> <p>REQUIRED READINGS</p> <p>Tex Chp. 19</p> <p>Dornbusch, Ficher and Startz : Chp. 20</p> <p>Hicks, J.R. (1950): A contribution to the theory of Trade cycle. Lucas, R. : Studies in Business Cycle Theory, 1981</p> <p>RECOMMENDED READINGS</p> <p>Taigan, R.L. : Readings In Money, National income and Stabilization Policy</p> <p>Turnovsky, S. I. : Macro Economic Analysis and stabilization Policy Heijdra, B.J. andj Derploege, F.: Founations of Modern Macro Economics Friedman, M. : The theory of Consumption Function</p> <p>Mankiw, N.G. and D. Romer (eds)(1991) New Keynesian Economics</p>


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 Jodhpur

Core Courses VII

ECO 203 -ECONOMICS OF DEVELOPMENT – II

Unit 1 :	Monetary Policy and Fiscal Policy in Economic Development; Development Banks and Micro Credit Financial Intermediaries; Dualism; International Inequalities; Prebisch Model; The World Population: Determinants of Fertility, Costs and Benefits of Population Growth; Enkey's Work; Simon's Challenges; The Optimum Population; Model of Low-Level Equilibrium Trap
Unit 2 :	The Critical Minimum Efforts Theory; Environment and Economic Activities; Renewable and Non-Renewable Resources; Economic Growth and Environment; Sustainable Development; The Market Mechanism and Mechanism Failures; Role of the State in Development Plans.
Unit 3 :	Choice of Techniques; Investment Criteria (NPV, IRR) and Social Cost Benefit Analysis; Project Choice and The Social-Welfare Function; Project Appraisal: Financial Appraisal, Economic Appraisal and Social Appraisal; Shadow Prices for Factors of Production; The Social Rate of Discount and The Social Cost of Investment and Shadow Wage Rate.
Unit 4 :	Globalisation; International Trade and Development; Dual-Gap Models; WTO, NIEO (New International Economic Order) and Other Plan Models Of India. Past Performance and Current Issues of Indian Planning, Role of the Foreign Aid, FDIs and MNCs in Economic Development of India. REQUIRED READINGS Thirwall A.P. (Latest Edition): Growth and Development, Palgrave Macmillan, New York. Chs: 7, 8, 9, 10, 11 and 12. Todaro, Michael P. And Stephen Smith C (2007): Economic Development 8 th Edition. Pearson Education (Singapore) Pvt.Ltd. Indian Branch, Delhi. Chs: 6, 7, 11. Jhingan, M.L. (40 th Edition) : The Economics Of Development And Planning, Vrinda Publications (P) Ltd. Delhi. Chs: 25, 31, 50, 51, 61, 62, 63, 65, 66, 71, 72, 76, 77, 79, 80 Meier, Gerald M. And James E Rauch (2006): Leading Issues In Economic Development, Eighth Edition, Oxford University Press, New York. Solo. R.M. - Growth Theory: An Exposition, Oxford University Press Oxford Schumpeter, J.A.- Theory of Economic Development, Harvard University press, Cambridge, Mass Todaro, M.P- Development Planning: Models and Methods, Oxford University Press, Oxford

Core Course VIII

ECO 204 - QUANTITATIVE METHODS FOR ECONOMICS –II

Unit 1 :	Elementary differential calculus : Meaning, Geometrical Interpretation, Standard results and Formulae, Derivatives of higher order, functions of two or more variable.
Unit 2 :	Partial differentiation, Total Differential, Maxima Minima and Points of Inflexion, Difference equation-First and second order, Elementary Integration
Unit 3 :	Elementary Theory of Probability: Definition, marginal and Conditional Probability, Addition and multiplication Theorems, Baye's Theorem, Density functions; Theoretical distribution: normal distribution, Poisson distribution, Binomial distribution.
Unit 4 :	Elementary Sampling Theory, Sampling distribution of mean, Properties of a good linear estimator (without Proof), small sample tests, chi-square, t^* and F^* Test REQUIRED READINGS David Huang : Introduction to the use of Mathematics in Economic Analysis Parry Lewis : Mathematics for Students of Economics Mehta & Madnanai : Mathematics for Economics, Part I Chiang, A.C. : Fundamental Methods of Mathematical Economics. Croxton, Cowdon and Klein : Applied General Statistics Allen, R.G.D: Mathematical Analysis for Economics : An Elementary survey Taro Yammanace : Statistics Archibald and Lisey : An Introduction to Mathematical Economics Waugh : Elements of Statistics (H.E) Ellhance, D.N. : Fundamentals of Statistics (HE), SankhyikikeMoolTatva (H) Umarji, R.R. Probability and Statistic Methods Mills, J. : Statistical Methods Heel, H, el. P.P. Introduction of Mathematical Statistics

Skill Course -2

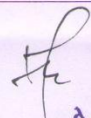
INDIAN ECONOMY

Course Description

Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points. This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence

Unit 1 :	Economic Development since Independence, Major features of the economy; growth and development under different policy regimes—goals, constraints, institutions and policy framework; Population and Human Development: Demographic trends and issues;
Unit 2 :	Planning in India Economic planning: Meaning and significance of planning, Planning Strategies in India, Broad objectives, Achievements and Failures of Planning. Current Five-Year- Plan: Objectives, Allocation and Targets, “NITI Ayog”.
Unit 3 :	Policies and Performance in Agriculture and Industry Agriculture: Growth, Productivity; Industry: Growth, Productivity, Small scale industries, FDI

Unit 4 :	<p>Growth and Distribution Trends and policies in Poverty, Inequality and unemployment, Current Budget of Economy</p> <p>REQUIRED READINGS</p> <p>Jean Dreze and Amartya Sen, 2013. <i>An Uncertain Glory: India and its Contradictions</i>, Princeton University Press.</p> <p>Pulapre Balakrishnan, 2007, The Recovery of India: Economic Growth in the Nehru Era, <i>Economic and Political Weekly</i>, November</p> <p>Rakesh Mohan, 2008, —Growth Record of Indian Economy: 1950-2008. A Story of Sustained Savings and Investment, <i>Economic and Political Weekly</i>, May.</p> <p>S.L. Shetty, 2007, —India's Savings Performance since the Advent of Planning, in</p> <p>K.L. Krishna and A. Vaidyanathan, editors, <i>Institutions and Markets in India's Development</i>.</p> <p>Himanshu, 2010, —Towards New Poverty Lines for India, <i>Economic and Political Weekly</i>, January.</p> <p>Jean Dreze and Angus Deaton, 2009, —Food and Nutrition in India: Facts and Interpretations, <i>Economic and Political Weekly</i>, February</p> <p>Himanshu. 2011, —Employment Trends in India: A Re-examination, <i>Economic and Political Weekly</i>, September</p> <p>Rama Baru et al, 2010, —Inequities in Access to Health Services in India: Caste, Class and Region, <i>Economic and Political Weekly</i>, September. Dutt, Ruddar and Sundharam, KPM: Indian Economy, (Latest eds.) Mishra & Puri: Indian Economy, Himalaya Publication , Mumbai</p>
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M.A. 1st SEM. 2021

Total Marks of M.A. (Semester I, II, III & IV) 1600 marks and credit 96

INFORMATION ABOUT THE DEPARTMENT OF ECONOMICS

S.No	Name	Designation Qualification	Qualification	Specialization
1.	Dr. Madan Mohan	Associate Professor & Head	M.A. M. Phil Ph. D.	Industrial Economics
2	Dr. L.L. Salvi	Assistant Professor	M.A. ,NET, Ph.D.	Econometrics
3	Mr. Parvez Ali	Assistant Professor	M.A. NET, SET	Labour Economics
4	Dr. Kanta Choudhary	Assistant Professor	M.A. NET Ph.D	Economic development
5	Mrs. Rekha	Assistant Professor	M.A. NET	Labour Economics
6	Dr. Jaya Bhandari	Assistant Professor	M.A. M. Phil Ph. D.	Industrial Economics
7	Dr. Rajni Kant Trivedi	Assistant Professor	M.A. M. Phil Ph. D.	Mathematical Economics
8	Mr. Shravan Raj	Assistant Professor	M.A. NET SLET	Agriculture Economics
9	Dr. Dev Karan Genwa	Assistant Professor	M.A. NET SLET Ph. D.	International economics

Detail Syllabus of the Papers

Core courses

SEMESTER I

Core Course –I

ECO – 101 MICRO ECONOMIC THEORY -I

Unit 1 :	Elasticity of Demand-Price, Cross and income; Elasticity of Supply; Theories of demand-utility, indifference Curves (income and substitution effects-Hicks and slutsky's methods) Theory of General equilibrium: General Equilibrium of Exchange, General Equilibrium of Exchange and Production; General Equilibrium in a two good economy
Unit 2 :	Production Function-Short period and long period; Law of variable proportions and returns to scale; Isoquants-least cost combination of inputs, Returns to factors; Economics of Scale.
Unit 3:	Marginal analysis as an approach to Price and output determination: Perfect Competition- Short run and long run equilibrium of the firm and industry, price and output determination, supply curve. Monopoly-Short run and long run equilibrium, price discrimination, Welfare aspects, Monopoly control and regulation.

Unit 4:	Baumol Sales revenue maximization model; Williamson's model of managerial discretion; Marris's model of managerial enterprise, Maximisation of satisfaction – Scitovsky's model, Security of profit – Rothschild's model.
	REQUIRED READINGS Gould and Lazear : Micro Economic Theory, Sixth Edition (Richard D Irwin Inc. Illinois) Joshi, J.M.& Joshi, Rajendra: Micro Economics Koutsoyiannis : Modern Micro Economics Hicks, J.R. : Value and Capital Friedman Milton : Price Theory Chamberlin : Theory of Monopolistic Competition Leftwich ; The Price System and Resource Allocation Bilas, R.A. : Micro Economic Theory

Core Course II

ECO102-MACRO ECONOMIC THEORY -I

Unit 1 :	General Macro Economics Concepts-Equilibrium, Exogenous and Endogenous variables, Stock and Flow. Concept of GNP: Its various components REQUIRED READINGS Demburg, T.F. and Mc Dougall, D.M. : Macro Economics 5/e, 1997 Chs 2&3 N. Gregory Mankiw: Macro Economics, 5/e, 2006, (Herein after referred as text) chs. 2&3
Unit 2 :	Different forms of National income accounting- Social accounting, Input-output accounting, Flow of Funds accounting and Balance of Payments accounting, Classical Macro Economics REQUIRED READINGS Ackley, G.: Macro Economic Theory and Policy, 1987 chs 1,2,3,4,5
Unit 3 :	Keynes's Macro Economics, supply side Economics, IS and LM framework, Derivation of IS and LM Curve, Equilibrium in the Goods and Money market, Mundell-Fleming Model, Asset Markets Expectations and exchange rates, The Aggregate Supply and Aggregate Demand. REQUIRED READINGS Dornbusch, Ficher and Startz ; Macro Economics, 9/e, 2005 Chs. 5,10, '12 Tex Chs 10.11.12 and 13
Unit 4 :	Consumption Function : Keynes Psychological law of Consumption, short run and long-run consumption function; Income-consumption relationship-Absolute Income, Relative Income, Life Cycle and Permanent income Hypothesis, REQUIRED READINGS Dornbusch, Ficher and Startz ; Macro Economics, 9/e, 2005 Chs. 5,10, '12

Core Course III

ECO 103- ECONOMICS OF DEVELOPMENT – I

Unit 1 :	The Development Gap and Income Distribution; Per Capita Income as an Index of Development; Measuring Poverty; Tackling Poverty; Human Poverty Index (HPI) and Human Development Index (HDI); Characteristics of Underdevelopment; Stages of Development and Structural Change; Rostow's Stages of Growth.
Unit 2:	Industrialisation and Growth; Kaldor's Laws of Growth; Classical Growth Theory; Schumpeter's Unstable Growth Theory; Harrod – Domar Growth Models; Neoclassical Growth Theory; Solow's Model of Growth; Production Function Approach to The Analysis of Growth.
Unit 3:	New (Endogenous) Growth Theory and the Macro Determinants of Growth; Romer's Model of Economic Growth; Factors in the Development Process-The Role of Agriculture and Surplus Labour for Industrialisation; Interdependence between Agriculture and Industry; Industrialisation and Urbanisation; the Models of Lewis; Fei-Ranis and Todaro
Unit 4 :	<p>The Balanced Growth Doctrine: Review of Rosenstein Rodan, Nurkse and Lewis; Strategy of Unbalanced Growth: Hirschman's Version and the reconciliation of the two; Role of Capital (Physical and Human) and Role of Infrastructural Development in Economic Development</p> <p>REQUIRED READINGS</p> <p>Thirlwall, A.P. (Latest Edition) - Growth and Development, Wileed Palgrave, Mcmillan (New York) Chs: 1, 2, 3, 4, 5, 6, 9 and 10 Todaro, Michael P. And Stephen Smith C (2007): Economic Development, Eighth Edition, Pearson Education, (Singapore) Pvt. Ltd. Indian Branch, Delhi. Chs: 2, 4, 5.</p> <p>Jhingan, M.L. (40th Edition): The Economics Of Development And Planning, Vrinda Publications (P) Ltd. Delhi. Chs: 22, 23, 24, 27, 28, 29, 30, 46, 47, 56.</p> <p>Meier, Gerald M. And James E. Rauch (2006): Leading Issues In Economic Development Eighth Edition, Oxford University Press, New York.</p>

Core Course IV

ECO 104- QUANTITATIVE METHODS FOR ECONOMICS- I

Unit 1 :	Linear Simultaneous Equations, Quadratic Equations, Determinants: Basic Operations and applications Matrices: Basic Properties, Elementary operations, adjoints, inversions; Simple Input output Systems.
Unit 2 :	Solution of Linear Equations through matrix inversion and determinants (Cramer's Rule), Linear Programming-Basic Concepts. Solution of Linear Programming through graphical and Simplex Methods (Maximization Problem)
Unit 3 :	Measures of Dispersion-standard Deviation, Skewness and Correlation: Karl Pearson and Spearman's Rank.
Unit 4 :	<p>Regression: Concept of the least squares and the lines of regression, Index Numbers and Time Series Analysis. REQUIRED READINGS</p> <p>David Huang : Introduction to the use of Mathematics in Economic Analysis Parry Lewis : Mathematics for Students of Economics</p>

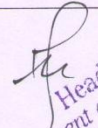
	Mehta & Madnanai : Mathematics for Economics, Part I Chiang, A.C. : Fundamental Methods of Mathematical Economics. Croxton, Cowdon and Klein : Applied General Statistics Allen, R.G.D: Mathematical Analysis for Economics : An Elementary survey Taro Yammanace : Statistics Archibald and Lisey : An Introduction to Mathematical Economics Waugh : Elements of Statistics (H.E) Ellhance, D.N. : Fundamentals of Statistics (HE), SankhyikikeMoolTatva (H) Umarji, R.R. Probability and Statistic Methods Mills, J. : Statistical Methods Heel, H, el. P.P. Introduction of Mathematical Statistics
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Skill Course – I

ECONOMICS OF CAPITAL MARKET

India has emerged as emerging economies. It is now the opportunities for economist to get actively involved into this - study of Economics of Capital Market and actively contribute to this emerging area. It will pave way for exploration of new thought and ideas in generating employment as well as getting to know about how the financial markets are functioning in this changing circumstance. This will make our student to become highly competitive in the financial market, labor market as well as in invention of new branch of knowledge.

Unit 1:	Capital Market - Definition - Growth - Tasks - Structure - Role of Commercial Banks
Unit 2:	Corporate securities - Equity Shares - Preference Shares - Debentures and bonds - convertible and non-convertible debentures - fully and partly convertible debentures - Global depository receipts, Mutual Funds - open ended and close ended mutual funds.
Unit 3:	Stock exchanges - functions services - Listing of securities - Dealers in stock exchanges - Role of Securities and Exchange Board of India (SEBI) in regulating the share market - Demat Account - Opening and Operation.
Unit 4:	Public Issue of Shares - Primary Market and Secondary Market - Issue of Shares at par and at premium - Right issue of shares - Issue of bonus shares - underwriting of shares. REQUIRED READINGS Indian Tax Foundation: Financial Sector Reforms in India, 1991-2001 John, D Finnerty : Corporate Financial Analysis, McGraw Hill, Book Company, ISBN 0-07-021040-3 Khan & Jain : Corporation Finance, Tata MacGraw Hill, New Delhi Kuchhal, S. C: Corporate Finance, Chaitanya Publishing House. University Road , Allahabad


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Syllabus 2020-21
Private
FACULTY OF ARTS, EDUCATION & SOCIAL SCIENCES
MASTER OF ARTS
General Information for Students
ECONOMICS

New Examination Scheme:

Part	Total no. Q.	Marks each Q.	Total Marks
A	10	2	20
B	5	7	35
C	3	15	45
		Total	100

The examination for the degree of Master of Arts, education and Social Sciences shall consist of two parts; (I) the Previous- Examination and (ii) The Final Examination.

The examination will be through theory papers practical/viva. Pass marks for the previous and final examinations are 36% of the aggregate marks in all the theory paper and viva/practical, and not less than 25% marks in the individual theory paper/Viva/Practical a candidate is required to pass in the written and the practical viva examinations separately,

Successful candidates will be placed in the following division's on the basis of the total marks obtained in previous and final examinations taken together

First division 60%, Second division 48% and Third division 36%

No student will be permitted to register himself simultaneously for more than one post-graduate course.

ATTENDANCE

1. For all regular candidates in the faculties of arts, Education and Social Sciences, Law, Commerce and engineering, the minimum attendance requirement shall be that a candidate should have attended at least 75% of the lectures delivered and **tutorials held taken together as well as 75% of practice's and sessionals from the** date of his/her admission.

2. Condonation of shortage of attendance


The shortage of attendance upto the limits specified below may be condoned on valid reason:

- i) Upto 6% in each subject plus 5 attendances in all the aggregate of subjects/papers may be condoned by the vice-chancellor on the recommendation of the Dean/Director/Principal for undergraduate students and on the recommendation of the Head of the Department for the post-graduate classes.
- ii) The N.C.C./NSS; Cadets sent out to parades and camps and such students who are deputed by the University to take part in games, athletic or cultural activities may, for purpose of attendance, be treated as present for the days of their absence in connection with the aforesaid activities and that period shall be added to their subject wise attendance.

Note: 1. the attendance for supplementary students will be counted from the date of their admission

2 In the Faculty of Engineering the attendance requirement will apply to each semester

However, in case of practical's where examination is not held at the end of the first semester but at the end of the second semester, attendance will be counted at the end of the second semester taking into account attendance put in both the semesters (i.e first and second)taken together.


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MEDIUM

Candidates are not allowed to use any medium except Hindi or English for answering question papers.

For answering papers in the subjects of English/ Hindi the medium will be corresponding Language only

For answering question papers in the subject of Sanskrit the candidates are allowed to use Sanskrit, Hindi or English unless specified otherwise.

INFORMATION ABOUT THE DEPARTMENT OF ECONOMICS

S.No	Name	Designation	Qualification	Specialisation
1	Dr. Madan Mohan	Associate Professor & Head	M.A. M Phil ,Ph.D	
2	Dr.(Mrs.) Rekha Mehta	Associate Professor	M.A. M. Phil NET ,Ph. D.	Macro Economics
3	Dr. L.L. Salvi	Assistant Professor	M.A. ,NET, Ph.D.	Econometrics
4	Mr. Parvez Ali	Assistant Professor	M.A. NET	Labour Economics
5	Dr. Kanta Choudhary	Assistant Professor	M.A. NET, Ph.D	Economic Development
6	Mrs. Rekha	Assistant Professor	M.A. NET	Labour Economics
7	Dr. Jaya Bhandari	Assistant Professor	M.A. M. Phil, Ph. D.	Industrial Economics
8	Dr. Rajni Kant Trivedi	Assistant Professor	M.A. M. Phil, Ph. D.	Mathematical, Economics
9	Mr.Shravan Raj	Assistant Professor	M.A. NET, SLET	Agriculture
14	Dr. Dev Karan Genwa	Assistant Professor	M.A. NET, SLET Ph. D.	International conomics

TEACHING AND EXAMINATION CLASSES

Class Papers	Periods per week	Maximum marks	Minimum Pas Marks	Duration Hrs
1	2	3	4	5
M.A. PREVIOUS				
Compulsory-4 Papers (Papers I to IV)	6	100	25	3
Paper I : Micro Economics	6	100	25	3
Paper II : Macro Economics	6	100	25	3
Paper III : Economics of Development	6	100	25	3
Paper IV : Quantitative Economics				


36% in aggregate

M.A. Economics (Previous) Examination

PAPER I

MICRO ECONOMIC THEORY

- Unit 1 : Elasticity of Demand-Price, Cross and income; Elasticity of Supply; Theories of demand-utility, indifference Curves (income and substitution effects-Hicks and slutsky methods)compensated demand curves and their **application; Revealed Preference theory, Consumer's choice involving**risk, Hicks Version of Demand Theory ; Consumer Surplus
- Unit 2 : Production Function-Short period and long period; Law of variable proportions and returns to scale; Isoquants-least cost combination of inputs, Returns to factors; Economies of Scale; Elasticity of substitution; **Euler's Theorem; Technical Progress and Production function, Cobb-Douglas Production function, Cost Curves.**


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- Unit 3 : Marginal analysis as an approach to Price and output determination, Perfect Competition- Short run and long run equilibrium of the firm and industry, price and output determination, supply curve. Monopoly-Short run and long run equilibrium, price discrimination,. Welfare aspects, Monopoly control and regulation; Monopolistic Competition-general and Chamberlain approaches to equilibrium; equilibrium of the firm and the group with product differentiation and selling costs, excess, capacity under monopolistic competition, criticism of monopolistic competition; Oligopoly-Noncollusive (Cournot, Bertrand, Edgeworth, Chamberlin, Kinked demand curve and **Stackelberg's Solution**) and **collusive models; bilateral monopoly.**
- Unit 4 : **Boumol's Sales revenue maximization model; Williamson's model of managerial discretion; Marris's model of managerial enterprise: Factor price and employment determination under Competitive and imperfectly competitive markets**
- Unit 5 : Theory of General equilibrium: General Equilibrium of Exchange,. General Equilibrium of Exchange and Production; General Equilibrium in a two **good economy, Walras's Law. Welfare economics: Pareto optimality**, conditions for maximum welfare; New Welfare Economics; social welfare function. Theory of the second best and compensation criteris;

REQUIRED READINGS

Gould and Lazear : Micro Economic Theory, Sixth Edition (Richard D Irwin Inc. Illinois) Ch 2.3.4 Joshi, J.M.& Joshi, Rajendra: Ch. 6,7,8,9,&10 Koutsoyiannis : Modern Micro Economics Ch.2

Gould and Lazear: Chaps 6,7,8,

Joshi and Joshi : Chaps. 12,13, 14 and 15

Koutsoyiannis : Chaps.3,4,

Gould and Lazear: Chaps. 9,10,12,13

Joshi & Joshi : Chaps 11,17,18,19,20

Koutsoyiannis,: Chaps. 9,10

Gould and Lazear: Chaps.

16,17 Joshi & Joshi : Chaps 27

Koutsoyiannis,: Chaps. 22,23

RECOMMENDED READINGS

Hicks, J.R. : Value and Capital

Friedman Milton : Price Theory

Chamberlin : Theory of Monopolistic Competition

Leftwich ; The Price System and Resource Allocation

Boumoul : Economic Theory and Operational

Analysis Bilas, R.A. : Micro Economic Theory

प्रश्न पत्र –1

व्यक्ति आर्थिक सिद्धांत

- इकाई –1 मांग की लोच-कीमत, तिरछी एवं आय लोच, पूर्ति की लोच, मांग के सिद्धांत-उपयोगिता, उदासीनता वक्र (आय एवं प्रतिस्थापन प्रभाव-हिक्स और स्लट्स्की विधि), क्षतिपूरक मांग वक्र एवं उसका प्रयोग, प्रकट अधिमान सिद्धांत, उपभोक्ताओं की रुचि जोखिम उठाने सहित, हिक्स का मांग सिद्धान्त, उपभोक्ता की बचत।

- इकाई -2 उत्पादन फलन—अल्पकाल और दीर्घकाल, परिवर्तनशील अनुपातों का नियम और पैमाने के प्रतिफल, समउत्पाद वक्र—अदाओं का न्यूनतम लागत संयोग, साधनों के प्रतिफल, पैमाने की बचतें, प्रतिस्थानापनता की लोच, यूलर प्रमेय, तकनीकी विकास (प्रगति) और उत्पादन फलन, कॉब—डगलस उत्पादन फलन, लागत वक्र।
- इकाई -3 कीमत और उत्पादन का निर्धारण का सिमान्त विश्लेषण दृष्टिकोण, पूर्ण प्रतियोगिता फर्म और उद्योग के अल्पकाल और दीर्घकालीन संतुलन कीमत और उत्पादन निर्धारण, पूर्तिवक्र एकाधिकारी—अल्पकालीन एवं दीर्घकालीन संतुलन, कीमत विभेद, कल्याणकारी दृष्टिकाण, एकाधिकारी नियन्त्रण और नियमन, एकाधिकारात्मक प्रतियोगिता—सामान्य एवं चैम्बरलेन द्वारा प्रतिपादित संतुलन, फर्म एवं समूह संतुलन उत्पाद विभेदीकरण एवं विक्रय लागतों के सन्दर्भ में, एकाधिकारात्मक प्रतियोगिता में अतिरिक्त क्षमता, एकाधिकारात्मक प्रतियोगिता की आलोचनाएं, अल्पाधिकार—गैर समझौता (क्रूनी, बर्टेण्ड, एजर्बध, चैम्बरलेन विकुंचीत) मांग वक्र और स्टेक्केलबर्ग समाधान और समझौता मांडल द्विआधिकार।
- इकाई -4 बॉमाल का विक्रय अधिकतम मॉडल, विलियमसन का प्रबन्ध विवेकाधीन मॉडल, प्रबंधकीय उद्यमों का मारिस मॉडल, पूर्ण प्रतियोगिता एवं अपूर्ण प्रतियोगिता बाजारों में साधन की कीमत एवं रोजगार निर्धारण।
- इकाई -5 साधारण साम्य का सिद्धान्त : विनिमय का साधारण साम्य, विनिमय एवं उत्पादन का सामान्य साम्य, दो वस्तु अर्थव्यवस्था में सामान्य साम्य, वलरास के नियम, कल्याणकारी अर्थशास्त्र, पेरेन्टो अनुकूलतमता, अधिकतम कल्याण की शर्तें, नव कल्याणकारी अर्थशास्त्र, सामाजिक कल्याण फलन, द्वितीय श्रेष्ठता का सिद्धान्त और क्षतिपूर्ति कसौटियां।

PAPER II

MACROECONOMICS

- Unit 1 : General Macro Economies Concepts-Equilibrium, Exogenous and Endogenous variables, Stock and Flow. Concept of GNP: Its various components, Different forms of National income accounting- Social accounting, Input-output accounting, Flow of Funds accounting and Balance of Payments accounting Classical Macro Economics
- Unit 2 : **Keyne's Macro Economics, supply side Economics, IS and LM framework,** _ Derivation of IS and LM Curve, Equilibrium in the Goods and Money market, Mundell-Fleming Model, Asset Markes Expectations and exchange rates, The Aggregate Supply and Aggregate Demand.
- Unit 3 : Consumption Function : Keynes Psychological law of Consumption, short run and long-run consumption function; Income-consumption relationship-Absolute Income, Relative Income, Life Cycle and Permanent income Hypothesis, level of investment; Marginal efficiency of Capital and investment; The accelerator theory of Investment; The impact of inflation. Investment Function-Marginal efficiency of investment and
- Unit 4: **Demand for Money : Keyne's liquidity Preference approach,** post-Keynesian approaches to demand for money; Patinkin and the Real Balance effect, Approaches of Baumol and Tobin; Friendman and the modern quantity theory; Crisis in Keynesian economics and the revival of moneatristm Supply of Money; Financial intermediation a mechanistic model of bank deposit determination – A behavioral Model of money supply determination, a demand determined money supply, Process, RBI approach to money supply; High powered money and money multiplier; budget deficits and money supply; money supply and open economy; control of money supply. Theory of Inflation- classical, Keynesian and Monetarist approaches to inflation structuralize theory of inflation; Philips curve- short run and long run philips curve; Samuelson and Solow- the natural rate of

- unemployment hypothesis; Tobin's modified Philips Curve;** Adaptive expectations and rational expectations; Policies to Control inflation;
- Unit 5 : **Business Cycles : Theories of Schumpeter, Kaldor Samuelson and Hicks, Real Business cycle theory and Godwin's Model; Control of Business Cycles-** relative efficiency of Monetary and Fiscal policy. New classical Macro Economics : The new classical critique of Micro Foundation, the New classical approach
- REQUIRED READINGS**
- Ackley, G.: Macro Economic Theory and Policy, 1987 chs 1,2,3,4,5
 Demburg, T.F. and Mc Dougall, D.M. : Macro Economics 5/e, 1997 Chs 2&3N. Gregory Mankiw: Macro Economics, 5/e, 2006, (Herein after referred as text) chs. 2&3
 Tex Chs 10.11.12 and 13
 Dornbusch, Ficher and Startz ; Macro Economics, 9/e, 2005 Chs. 5,10,`12 Rosalind, Leavcic and Rebmann : Macro Economics _ An Introduction to Keynesian –Neo Classical Controversies 2/e, reprint 1991, Chs. 2,3,,10
 Tex Chs. 16 & 17
 Dornbusch, Ficher and Startz ; Chs,13 &14
 Tex Chs, 13 &18
 Rosalind, Levacic and Rebmann: Chs 8,9, and 18
 Gupta G.S. : Macro Economics- Theory and Applications, 2001 Chp.4
 Tex Chp. 19
 Dornbusch, Ficher and Startz : Chp. 20
 Hicks, J.R. (1950): A contribution to the theory of Trade cycle. Lucas, R. : Studies in Business Cycle Theory, 1981
 Taigan, R.L. : Readings In Money, National income and Stabilization Policy
 Turnovsky, S. I. : Macro Economic Analysis and stabilization Policy
 Heijdra, B.J. andj Derploege, F.: Foundations of Modern Macro Economics
 Friedman, M. : The theory of Consumption Function
 Mankiw, N.G. and D. Romer (eds)(1991) New Keynesian Economics.

स्मृति अर्थशास्त्र एम.ए. (पूर्वाद्ध)

प्रश्न पत्र – 2

- इकाई –1 सामान्य अर्थशास्त्रीय धारणायें— साम्य, अन्तर्जत और बहिर्जत चर, स्कन्ध और प्रवाह चर। सकल राष्ट्रीय उत्पाद धारणायें :— उनके विभिन्न घटक, राष्ट्रीय आय लेखे के विभिन्न रूप – सामाजिक लेखांकन, आदान-उत्पादन लेखांकन, निधियों का प्रवाह लेखांकन, भुगतान शेष लेखांकन। प्रतिष्ठित समष्टि अर्थशास्त्र।
- इकाई –2 केन्स का समष्टि अर्थशास्त्र, पूर्ति पक्ष अर्थशास्त्र, और रूपरेखा, IS और LM की उत्पत्ति, वस्तु और मुद्रा बाजार में साम्य, मुण्डेल– फ्लैमिंग मॉडल, परिसम्पति बाजार आशंकाएं और विनिमय दर, कुल पूर्ति और कुल मांग फलन।
- इकाई –3 उपभोग फलन, केन्ज का उपभोग का मनोविज्ञानिक नियम, अल्प काल और दीर्घकाल उपभोग फलन, आय–उपभोग संबंध – निरपेक्ष आय परिकल्पना, सापेक्ष आय परिकल्पना, जीवन चक्र और स्थायी आय परिकल्पना।
- निवेश फलन : निवेश की सीमान्त कार्यकुशलता और निवेश का स्तर, पूंजी की सीमान्त कार्यकुशलता और निवेश, अल्पकाल और दीर्घकाल, निवेश का त्वरक सिद्धान्त, मुद्रास्फीति का प्रभाव।
- ईकाई –4 मुद्रा की मांग : केन्ज का तरलता अधिमान सिद्धान्त, मुद्रा की मांग के उत्तर केन्जीय मत, पैटिकन और वास्तविक शेष प्रभाव, बॉमोल का मत, जेम्स टोबिन का मत, फ्रिडमैन और आधुनिक परिमाण सिद्धान्त, केन्जीय अर्थशास्त्र में संकट तथा मुद्रावाद का पुनः उत्थान, मुद्रा की पूर्ति : वित्तीय मध्यवर्ती बैंक जमा निर्धारण का

यांत्रिक मॉडल – मुद्रा पूर्ति निर्धारण का व्यवहारवादी मॉडल, मांग निर्धारित मुद्रा पूर्ति प्रक्रिया, मुद्रा पूर्ति की रिजर्व बैंक परिभाषा, उच्च शक्तियुक्त मुद्रा और मुद्रा पूर्ति गुणक बजट घाटे और मुद्रा की पूर्ति मुद्रा पूर्ति और खुली अर्थ-व्यवस्था, मुद्रा पूर्ति पर नियंत्रण। स्फीति का सिद्धांत – प्रतिष्ठत, केन्स और मुद्रावादी मत, स्फीति का संरचनात्मक सिद्धांत, फिलिप्स वक्र – अल्प काल और दीर्घकाल फिलिप्स वक्र, सैम्युलसन और सोलो – बेरोजगारी का प्राकृतिक दर परिकल्पना टोबिन का संशोधित फिलिप्स वक्र –अल्पकाल और दीर्घकाल फिलिप्स वक्र, सैम्युलसन और सोलो – बेरोजगारी की प्राकृतिक दर परिकल्पना टोबिन का संशोधित फिलिप्स वक्र, अनुकूलित प्रत्याशा और विवेकपूर्ण और विवेकपूर्ण प्रत्याशा स्फीति को रोकने की नीतियां।

इकाई –5 व्यापार चक्र : शृम्पीटर, काल्डर, सैम्युलसन और हिक्स का व्यापार चक्र, वास्तविक व्यापार चक्र और गुडविन का मॉडल, व्यापार चक्र का नियंत्रण– मौद्रिक एवं राजकोषीय नीति की सापेक्षित प्रभावकारिता, नव-प्रतिष्ठित समष्टि अर्थशास्त्र : समष्टि स्थापना की नव प्रतिष्ठित आलोचना, नव-प्रतिष्ठित प्रस्ताव।

M.A. (Previous)

PAPER III

ECONOMICS OF DEVELOPMENT

- Unit 1:** The Development Gap and Income Distribution; Per capita Income as an index of Development; Measuring Poverty; Tackling poverty. Human Poverty Index and Human Development Index
Characteristics of Underdevelopment; Stages of Development and Structural Change, Rostow's Stages of Growth, Industrialisation and Growth, Kaldor's Laws of Growth.
- Unit 2:** Classical Growth Theory, Schumpeter's Unstable Growth Theory, Harrod & Domer Growth Models, Neoclassical Growth Theory, Solow's Model of Growth, Production Function Approach to the Analysis of Growth, New (Endogenous) Growth Theory and the Macro determinants of Growth, Romer's Model of Economic Growth.
- Unit 3:** Factors in the development process- The role of agriculture and surplus labour for Industrialisation, Interdependence between agriculture and industry, Industrialisation and Urbanisation. The models of Lewi's, Fei-Ranis modal and Todaro. The balanced growth Doctrine: Review of Rosenstein Rodan, Nurkse and Lewis. Strategy of Unbalanced Growth (Hirschman's version) and the reconciliation of the two. Role of Capital (physical and human) and role of Infrastructural Development in Economic Development, Monetary policy and Fiscal policy in economic development, Development banks and Micro Credit Financial Intermediaries.
- Unit 4:** Dualism, International Inequalities, Prebisch model. The world population: Determinants of Fertility, Costs and Benefits of population growth, Enkey's work, Simon's Challenges, The optimum population, Model of low-level Equilibrium Trap, The Critical Minimum Efforts Theory. Environment and Economic activities, Renewable and Non-Renewable Resources, Economic growth and Environment, Sustainable Development.
- Unit 5:** The Market Mechanism and Market Failures, Role of the state in development plans, Choice of Techniques, Investment Criteria (NPV, IRR) and Social Cost Benefit Analysis. Project Choice and The Social Welfare Function. Project Appraisal: Financial Appraisal, Economic Appraisal and Social Appraisal. Shadow Prices for factors of production, the Social Rate of Discount and the Social Cost of Investment and the Shadow Wage Rate. Globalisation, International Trade and Development,

Dual-gap models, WTO, NIEO (New International Economic Order) and other plan models of India. Past Performance and Current Issues of Indian Planning, Role of the **Foreign Aid, FDI's and MNC's in Economic Development Of India.**

REQUIRED READINGS

Thirwall, A.F. (2004) - Growth & Development, Wileed Palgrave, McMillan Chs. 1.2.3
 Todaro, M.P. Smith, S.C. (2004)- Economic Development (8thed.); Pearson Education LPE Chs. 2,4
 Thirwall, Cha 4; Todaro Cha. 4, 5
 Thirwall: Ch. 4, 5, 6, 9 and 10.
 Jhingan: M.L. Ch. 22, 23, 24, 27, 28, 29, 30, 46, 47, 56.
 Thirwall: Ch. 7, 8, 11, Todaro: Ch. 7, 11
 Jhingan, M.L. (2012): Ch. 31, 50, 51, 25
 Thirwall: Ch. 9, 10, 12; Todaro: Ch. 6; Jhingan, M.L. : Ch. 61, 62, 63, 65, 66, 71, 72, 76, 77, 79, 80.
 Thirwall, Chs9, 10, 12 Todaro, Chs.6
 Meier, G.M. and Rauch, J.E.(2006)- Leading Issues in Economic Development, Eighth edition, Oxford University Press, New Delhi Barrow, R. and Sala-I-Martin, X(2007)- Economic Growth, New York, McGraw Hill
 Charles, Janes, Economic Growth
 Mishan , E.J.-Cost Benefit Analysis, Allen and Unwin, London
 Adelman, L-Theories of Economic Growth and Development, Stanford University Press, Stanford
 Behrman, S. and Srinivasan, T.N.- Handbook of Development Economics. Vol.3, Elsevier, Amsterdam
 Chenery, H.B- and Srinivasan T.N.- Handbook of Development Economics, Vol.1&2 Elsevier , Amsterdam.
 Hyami, Y.-Development Economics Oxford University Press, New York
 Sen, A.K.(Ed)-Growth Economics, Penguin, Harmondsworth Solo.
 R.M.- Growth Theory : An Exposition, Oxford University Press Oxford
 Schumpeter, J.A.- Theory of Economic Development, Harvard University press, Cambridge, Mass
 Todaro, M.P- Development Planning : Models and Methods, Oxford University Press, Oxford

एम.ए. पूर्वाद्ध

प्रश्न पत्र – 3

विकास का अर्थशास्त्र

- इकाई –1 विकास अंतराल एवं आय वितरण : प्रति व्यक्ति आय विकास सूचकांक के रूप में, गरीबी का माप : गरीबी के उपाय, मानव गरीबी सूचकांक एवं मानव विकास सूचकांक
 अल्पविकास के लक्षण : विकास की अवस्थाएं और संरचनात्मक परिवर्तन, रोस्टोव की विकास अवस्थाएं, औद्योगिकरण एवं वृद्धि, कैलडोर के वृद्धि नियम
 अनिवार्य पठन थर्लवॉल, ए.एफ. (2009), वृद्धि और विकास, विलेपॉल ग्रेव मेकमिलन
 अध्याय 1, 2, 3. टोडे रो, एम.पी. स्मिथ, एस.सी. 2009, आर्थिक विकास पियर्सन
 एजुकेशन एलपीई अध्याय 2, 4.
- इकाई –2 शास्त्रीय वृद्धि सिद्धान्त, शुम्पीटर का अस्थिर वृद्धि सिद्धान्त, हैरोड एवं डोमर का वृद्धि प्रारूप, नव-शास्त्रीय वृद्धि सिद्धान्त, सोलो का वृद्धि सिद्धान्त, वृद्धि विश्लेषण में

- उत्पादन फलन प्रयास, नया (अन्तः प्रवृत्ति) वृद्धि सिद्धान्त एवं वृद्धि के समग्र निर्धारक, रोमर का आर्थिक वृद्धि सिद्धान्त
अनिवार्य पठन
थर्लवॉल, अध्याय 4
टोडेरो, अध्याय 4, 5
- इकाई -3 विकास प्रक्रिया में साधन : कृषि की भूमिका औद्योगिकीकरण के लिये श्रम-आधिक्य। कृषि और उद्योगों की परस्पर अन्तःनिर्भरता। औद्योगिकीकरण एवं नगरीकरण लुईस मॉडल, फार्ड-रेनिस मॉडल व टोडेरो का मॉडल। संतुलित वृद्धि सिद्धान्त रोजेस्टीन रोडान, नर्से व लुईस का सिद्धान्त हर्षमैन का असंतुलित वृद्धि का सिद्धान्त एवं दोनों का मेलजोल
अनिवार्य पठन
थर्लवाल : अध्याय 4, 5, 6, 9 एवं
झिंगन : अध्याय 22, 23, 24, 27, 28, 30, 46, 47, 56
- इकाई -4 द्वैतवाद, अन्तराष्ट्रीय असमानताएं, प्रविश मॉडल, विश्व जनसंख्या : प्रजनन दर के निर्धारक तत्व, जनसंख्या वृद्धि के लाभ। एन्की के कार्य, साइमन की चुनौती, अनुकूलतम जनसंख्या, निम्न स्तर आय संतुलन-जाल मॉडल एवं क्रान्तिक न्यूनतम प्रयत्न सिद्धान्त। पर्यावरण एवं आर्थिक क्रियाएं। नवकरणीय एवं अनवकरणीय संसाधन, आर्थिक वृद्धि एवं वातावरण संधारणीय विकास
अनिवार्य पठन
थर्लवाल - 7, 8 व 11 टोडेरो : अध्याय 7, 11
झिंगन - 31, 50, 51, 25
- इकाई -5 बाजार एवं बाजार असफलताएं। विकास योजनाओं में राज्य की भूमिका। तकनीकों का चुनाव। निवेश कसौटियां (एन.पी.वी, आई, आर, आर)
सामाजिक लागत - लाभ विश्लेषण। परियोजना चयन एवं समाज कल्याण क्रिया। परियोजना मूल्यांकन : वित्तीय मूल्यांकन, आर्थिक मूल्यांकन एवं सामाजिक मूल्यांकन। छाया कीमतें : उत्पादन -साधकों के लिए छाया कीमतें, सामाजिक कटौति दर, निवेश की सामाजिक लागतें। छाया मजदूरी दर का निर्धारण। वैश्वीकरण, अन्तराष्ट्रीय व्यापार एवं विकास। द्वि-अंतराल मॉडल, विश्व व्यापार संगठन (डब्ल्यू.टी.ओ.), नई अन्तराष्ट्रीय आर्थिक व्यवस्था (एन.आई.ई.ओ) एवं भारतीय योजनाओं के विकास मॉडल। भारतीय आयोजन के गत एवं वर्तमान मुद्दे। विदेशी सहायता, विदेशी प्रत्यक्ष निवेश (एफ.डी.आई.) एवं बहुराष्ट्रीय कंपनियों का भारत के आर्थिक विकास में योगदान।
अनिवार्य पठन
थर्लवॉल, अध्याय, 9, 10, 12
झिंगन : अध्याय 61, 62, 63, 65, 66, 71, 72, 76, 77, 79, 80
अनुशंसित पठन
मायर जी.एम. एवं राऊच, जी.ई. (2006) लिडिंग ईसूज इन इकोनामिक डिवेलपमेंट, आठवां प्रकाशन, आक्सफोर्ड यूनिवर्सिटी प्रेस, नई दिल्ली।
बैरो, आर एवं साला ई. मार्टिन, एक्स (2007) इकोनोमिक ग्रोथ, न्यूयाक, मेकग्री हिल चार्ल्स, जिन्स, इकोनोमिक ग्रोथ
एडलमेर, एल, थियरीज ऑफ इकोनोमिक ग्रोथ एण्ड डिवेलपमेंट, स्टेनफोर्ड यूनिवर्सिटी प्रेस, स्टेनफोर्ड
बेहरमन एस. एवं श्रीनिवासन टी.एन. हैण्ड बुक ऑफ डिवेलपमेंट इकोनोमिक्स वांलुयम थ्री, एल्सवायर, एक्सटर्डम, ह्यमी, वाई. डिवेलपमेंट इकोनोमिक्स ओ.यू.पी., न्यूयार्क सेन ए.के. (प्रकाशित) ग्रोथ इकोनोमिक्स, पेगुंडन, हार्मोनस वर्थ सोलो. आर. एम., ग्रोथ थियरी : एन एक्सपोजिशन, ओ.यू.पी. आक्सफोर्ड शुम्पीटर, जे.ए. थियरी ऑफ इकोनोमी डिवेलपमेंट, एच.यू.पी. कैम्ब्रिज, मास
टोडे रो एम.पी. डिवेलपमेंट प्लानिंग : मॉडल एण्ड मेथड्स, ओ.यू.पी., दिल्ली

मेहरोत्रा एस. रिचर्ड जे डिप्लोममेंट विथ ए ह्यूमन फेस ओ.यू.पी., नई दिल्ली

PAPER IV
QUANTITATIVE METHODS FOR ECONOMICS
PART I : ELEMENTARY MATHEMATICS

- Unit I : Co-ordinate geometry : Rectangular and Polar Coordinates, Straight Line Equations and Graphs of Parabola and Graphs of Hyperbola Linear Simultaneous Equations, Quadratic Equations, Determinants: Basic Operations and applications Matrices: Basic Properties, Elementary operations, adjoints, inversions; Simple Input output Systems,. Solution of **Linear Equations through matrix inversion and determinants (Cramer's Rule)**
Linear Programming-Basic Concepts. Solution of Linear Programming through graphical and Simplex Methods (Maximization Problem)
- Unit 2: Elementary differential calculus : Meaning, Geometrical Interpretation, Standard results and Formulae, Derivatives of higher order, functions of two or more variable, Partial differentiation, Total Differential, Maxima Minima Points of Inflexion, Difference equation-First and Second order Elementary Integration.

PAPER II


- Unit 3 : Measures of Dispersion-standard Deviation, Skewness, and Correlation: **Karl Pearson and Spearman's Rank. Regression: Concept of the least squares** and the lines of regression, The standard error of estimates, Index Numbers and Time Series Analysis.
- Unit 4 : Elementary Theory of Probability: Definition, marginal and Conditional **Probability, Addition and multiplication Theorems, Baye's Theorem**, Density functions; expectations, Moments and moment generating functions. Theoretical distribution: normal distribution, Poisson Distribution, Binomial distribution.
- Unit 5 : Elementary Sampling Theory, Sampling distribution of mean, Estimation: Point estimation and interval estimation, Properties of a good linear estimator (without Proof) **Test of Hypothesis's Large sample test; Mean and difference of Means, small sample tests, chi-square, t and F Test.**

REQUIRED READINGS

Croxtan, Cowdon and Klein : Applied General Statistics
Allen, R.G.D: Mathematical Analysis for Economics : An Elementary survey
Taro Yammane : Statistics
Archibald and Lisey : An Introduction to Mathematical Economics
Waugh : Elements of Statistics (H.E)
Ellhance, D.N. : Fundamentals of Statistics (HE), Sankhyiki ke Mool Tatva(H)
Umarji, R.R. Probability and Statistic
Methods Mills, J. : Statistical Methods
Heel, H, el. P.P. Introduction of Mathematical Statistics

पेपर – IV

अर्थशास्त्र के लिए मात्रात्मक विधियां
भाग : प्रारम्भिक गणित


Head
Department of Economics
JNV University
Jodhpur

- इकाई –1 रेखागणित निपुणता : रेक्टनगुलर एवं पोलर रेखागणित, सीधी रेखा समीकरण एवं पाराबोला ग्राफ एवं हायपरबोला ग्राफ रेखी सुगपत समीकरणें, म्वाड्राटिक समकरणें, सारणिक : मूल व्युत्पत्ति एवं प्रयोग, मैट्रिक्स : मूल विशेषताएं, प्रारंभिक व्युत्पत्ति, एडजोइण्ट, इन्वर्स : सरल आगत – निर्गत पद्धति, रेखीय समीकरणों का हल – मैट्रिक्स इन्वर्स एवं सारणिक (क्रेमर नियम) द्वारा।
- इकाई –2 प्रारंभिक अवकलन गणना : अर्थ, रेखागणितीय व्याख्या, स्टेण्डर्ड परिणाम एवं फॉर्मूले, उच्च क्रम के अवकलन, दो और अधिक चरों की निर्भरता, आंशिक अवकलन, कुल अवकलन, अधिकतमा, न्यूनतमा, स्फीति का बिन्दु, अन्तर समीकरण – प्रथम एवं द्वितीय क्रम, प्रारंभिक समाकलन।
- इकाई –3 अपरिक्लण के माप : प्रमाप विचलन, विषमता सहसम्बन्ध कार्ल पियर्सन एवं स्पीयरमैन क्रम, प्रतीपगमन : न्यूनतम वर्ग की अवधारणा एवं प्रतीपगमन रेखा, आकलन की प्रमाप त्रुटि, सूचकांक एवं कालश्रेणी विश्लेषण।
- इकाई –4 प्राथमिकता का प्रारंभिक सिद्धांत : परिभाषा, सीमान्त एवं सप्रतिबन्ध प्राथमिकता, जोड़ एवं गुणा नियम, बेज प्रयेम, घनत्व फलन : प्रत्याशा, आधूर्ण एवं आधूर्ण उत्पत्ति फलन, सैद्धांतिक वितरण : प्रसामान्य वितरण, व्यासां वितरण, द्विपद वितरण
- इकाई –5 प्रारंभिक प्रतिचयन सिद्धान्त : माध्य का प्रतिचयन वितरण आकलन : बिन्दु आकलन एवं अन्तराल आकलन एक अच्छे रेखीय आकलक की विशेषताएं (बिना सिद्ध किए) परिकल्पना परीक्षण, बड़े प्रतिदर्श परीक्षण माध्य एवं माध्यों का अन्तर, लघु प्रतिदर्श परीक्षण, काई वर्ग, एवं परीक्षण।

SEMESTER IV**ECO 401- PUBLIC FINANCE –II**

Unit 1 :	Role of Government in Economic Development; Private goods, Public goods and Merit goods. Market Failure – imperfections, decreasing costs and externalities.
Unit 2 :	Theory of incidence: incidence and impact of taxation, taxable capacity, excess tax burden.
Unit 3 :	Classical view of public debt; Compensatory aspect of debt policy; Burden of public debt; Sources of public debt; Principles of debt management and repayment
Unit 4 :	<p>Fiscal Federalism : Finance Commission. Devolution of resources and grants; Resource transfer from union to states—Criteria for transfer of resources; Centre States financial relations in India; Problems of State's resources from Union and States to local bodies. Indian Public Finances : Indian tax system ; Revenue of the Union, State Government and Local bodies; Major taxes in India ; Base of taxes, direct and indirect taxes. Trends in Public expenditure and public debt. Fiscal Sector Reforms in India.</p> <p>REQUIRED READINGS</p> <p>Musgrave, R.A. 1959: —The Theory of Public Finance, McGraw Hill, Herber, B.P. 2004 —Modern Public Finance, (Fifth Edition): Richard, D. Irwin, Browning E.K. and Browning J.M. 2004: —Public Finance and the Price System, Pearson Education, Bagchi, Amaresh.2005 : —Readings in Public Finance; Oxford University Press, Govt. of India: Reports of Various Finance Commission</p> <p>Dutt and Sundram (Latest edition): —Indian Economy, S.Chand & Co., New Delhi. Kaushik Basu, eds (2007) : Economics in India – OUP, New Delhi</p> <p>Delhi. Kaushik Basu, eds (2007) : Economics in India – OUP, New Delhi.</p> <p>Govt. of India, Ministry of Finance: Indian Public Finance statistics</p> <p>Govt. of India, Ministry of Finance: Raja J. Chelliah Committee Report</p> <p>Govt. of India, Ministry of Finance: Kelkar Committee Report</p> <p>RBI Bulletins : Various Issues</p> <p>Economic and Political Weekly : Various Issues</p> <p>Musgrave, R.A.: The Theory of Public Finance, McGraw Hill</p> <p>Herber, B.P: Modern Public Finance</p> <p>Cornes, R and T. Sandler(1986) The Theory of Externalities, Public Goods and Club Goods, Cambridge University Press, Cambridge</p> <p>Dulf, L.(1997) : Government and Market, Orient Longman, New Delhi</p>

ECO 402-**INTERNATIONAL ECONOMICS-II *elasticity***

Unit 1 :	Theories of devaluation: Elasticities, absorption and Monetary approaches; Foreign Trade Multiplier with and without foreign repercussions; Exchange rate: Determination of exchange rate under floating exchange rate system, Purchasing Power Parity theory; Fixed versus Flexible exchange rates.
Unit 2 :	Forms of Economic Cooperation: the theory of Customs Union; the theory of optimum Currency areas, rationale and progress of SAARC/SAFTA and ASEAN; Regionalism versus Multilateralism, EU, NAFTA, GATT and WTO : WTO as an

	organization, TRIPS, TRIMS, Agricultural sector and Agreement on Textiles and clothing, Dispute Settlement understanding.
Unit 3 :	Role of gold, SDR : their creation; working of the SDRs system, SDR valuation, the present system of managed flexibility, IMF financial facilities, conditionality Clause of the IMF; Reforms of the International Monetary system; World Bank, IDA and IFC, Asian Development Bank, Theory of short-term Capital Movements and East-Asian crisis and lessons for developing countries.
Unit 4:	Trade Problems and Trade Policy of India : Recent Changes in the value, composition and direction of India's exports and Imports, Reforms in India's external sector since 1991, India's forex reserves; recent export-import policies REQUIRED READINGS Chacholiades, M : International Economics, Chs. 12,13,14,15,17,18 and 19 Text : Chs. 9,18,20,22 Chacholiades, M : International Economics, Chs. 10 and 20 Joshi, V. and Little, I.M.D : India's Economic Reforms 1991-2000, OUP, 1998 Verma, M.L.: International Trade, Vikas Publishing House Pvt. Ltd., New Delhi, 1995 RBI Bulletin : Various Issues Economic and Political Weekly : Various Issues, Bombay.

ECO -403A

PRINCIPLES OF AGRICULTURAL ECONOMICS -II

Unit 1 :	Role of Agriculture in Economic growth special for developing economy. interdependence between Agriculture and industry, sustainable Agriculture, need for Agriculture insurance.
Unit 2 :	Farm management:- definition, objectives, farm planning and farm budgeting, factors effecting farm budgeting
Unit 3 :	Agriculture and W.T.O- AOA specific support in India. IPRs and agriculture, effects on Indian agriculture of W.T.O, domestic support to agriculture in US & EU
Unit 4 :	Farming system:- Co-oprative farming, contract farming, state farming, dryland farming, problems of agricultural labour, need for Agriculture subsidies REQUIRED READINGS Ahuja, Astha(2006):Agriculture and Rural Development in India. New Century Publications, New Delhi – 110002. John, W.Mellor : The Economics of Agricultural Development Choen : Economics of Agriculture. Heady, E.O. : Economics of Agricultural Production and Resources Use, Prentice Hall of India (Chaps. 1,2,3,4,5,8,12,20 and 24) Eicher and Witt : Agriculture in Economic Development, Vora & Co. Publishers Pvt. Limited, Bombay (Chaps 1,2,5, and 15), 1970 Halcrow, H.C. : Contemporary Reading in Agriculture, Mc-Graw Hill Prentice Hall, N.J., 1955 Gulati, A and T. Kelly (1999) Trade Liberalisation and Indian agriculture, Oxford University Press, New Delhi. Kahlo, A.S. and Tyagi D.S.(12983): Agricultural Price Policy in India, Allied

Publishers, New Delhi
 N.L. Aggarwal(2003): Bhartiya Krishi Ka Arth Tantra, Rajasthan Hindi Granth Academy, Jaipur (Hindi)
 Schultz, T.W. : Transforming Traditional Agriculture, Yale University, 1964
 Sadhu, A.N and Singh, A.(2000): Fundamentals of Agricultural Economics, Himalaya Publishing House, New Delhi

ECO -403B

ECONOMICS OF MODERN INDUSTRY- II

Unit 1 :	Industrial Capital budgeting and financing. cost – benefit analysis: Net Present Value (NPV) and Internal Rate of Return (IRR)
Unit 2 :	Input- output analysis: meaning, features, assumptions and limitations. Techniques of input– output analysis (with help of 2x2 matrix)
Unit 3 :	Concepts of Productivity and Cost: Their measurement with numerical example. Reasons for Productivity and cost differences. Production function: linear production function
Unit 4 :	Location of Industries: Meaning and Measurement of Location, Industrial concentration and policy towards industrial concentration Theories of Location Weber, Sargent Florence and Walter Isard REQUIRED READINGS Robinson: E.A.G. : Structure of Competitive Industry (EH) Pasu, J.S.: Industrial Organisation Archiboids, G.C.(ed): The Theory of Firm Selected Reading Basil, S. Yamey(ed): Economics of Industrial Structure : Selected Readings Hawkins, C J and Pearce, D.W.: Capital investment Appraisal, 1971 Crucial, S.C: Financial Management : An Analytical and Conceptual Approach, 1975, R.R. Berthwal: Industrial Economics, Wiley Eastern, New Dehli. Singer, E.M.: Antitrust Economics, Leftwich, R.M.: The price system and Resources Allocation Bain, J.S: Industrial Organisation, 2 nd Ed., 1958 Machlup, F: Theories of the Firm : Marginalist Behavioral, Managerial, American Economic Review March 1967,, reprinted in Readings in the Economics of Industrial Organisation, D. Needham(ed) Mehta, M M : Measurement of Industrial Productivity Walter Isard: Methods of Regional Analysis-An Introduction to Regional Science John, W. Kendrick: Productivity Trends in the United States, 1961, Introduction and Chap 1. Soloman, F.: A Primer on productivity Perlof, H Regions: Resources and Economic Growth Uttonm M.N.:Industrial Concentration, 1970 Chenery, H. and Clark, P. Inter Industry Economics, Chaps. 1-2 Sen, A.K. : Choice of Techniques, An Aspect of the Theory of Planing Economic Development, 3 rd Ed., 1968 Sinha and Shawhney: Wages and Productivity in selected Indian Industries, 1970, Chaps. 1-3 Theil Boot and Lock: Operations, Research and Quantitative Economics Chap. 3, Input Output Analysis, pp. 53-72

	Dwivedi, D.N.: Managerial Economics
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ECO -403C

TRADE UNIONISM AND INDUSTRIAL RELATIONS- II

Unit 1 :	Theories of labour movement, salient features of Trade union, Types and functions of Trade union, Essentials of a sound Trade Union. Trade union and wages.
Unit 2 :	Detailed study in Trade Union movement of India Trade Unions Act-Main Provisions Employer's organizations. Collective bargaining : Meaning scope and implementation of the collective Bargaining, process of collective bargaining
Unit 3 :	Industrial Relations : Concept, nature, scope and Significance, Industrial disputes—Causes, prevention and settlement strike and lockouts
Unit 4 :	Prevention and settlement of Industrial disputes in India: Works committees, Conciliation and arbitration, Grievance procedure in India. Workers participation in management Basic Reading List Paul Sultan: Labour Economics, Henry Holt Gitlow, Al : Labour and Industrial Society Peling H: A History of British Trade Unionism Singa, G.P. and Sinha, P.R.N.: Industrial Relations and labour Legislation, Oxford, I.B.H. Pant S.C.: Indian Labour Problems. Punekar and Nadhuri : Trade Union leadership in India Horold Orouch : Trade Union and Politics in India Miller, H: the Political Role of Labour in Developing Countries. Collective Bargaining : A workers Education manual (ILO) Flanders, A (ed): Collective Bargaining Johari, C.K. : Unionism in a developing Economy Yoder, D. and Heneman: Labour Economics and Industrial Relations, South Western Publishing Company. T.N. Bhangoliwal, : labour Economics and Industrial Relations (Hindi and English edition

ECO -403D

MATHEMATICAL ECONOMICS -II

Unit 1 :	Pricing under Monopoly : Monopsony, Monopolistic competition, Duopoly: Oligopoly and Bilateral monopoly,
Unit 2 :	General equilibrium; welfare economics Input-output model (closed as well as open
Unit 3 :	Game theory Linear Programming : Simplex method and dual,
Unit 4 :	Hicks Samuelson model, Solow and Kaldor model (Application of difference and differential equations) REQUIRED READINGS Henderson and Quandt : Micro Economic Theory, Chaps 7&8\ Henderson and Quandt : Micro Economic Theory, Chaps 9,10,11 Dorfman , Samuelson, Solow : Linear Programming and Economic Analysis

	Chiang, A.C.: Fundamental Methods of Mathematical Economics R.G.D.Allen:Macro-Economics Dorfman, Samuelson and Solow : Linear Programming and Economic Analysis BOOKS RECOMMENDED Samuelson. P.A. : Foundation of Economic Analysis Hicks,J.R. : Value and Capital (Mathematical Appendix) Dorfman, Samuelson and Solow : Linear Programming and Economic Analysis.
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ECO -404A

ECONOMIC PROBLEMS OF INDIAN AGRICULTURE- II

Unit 1 :	Agriculture in India- main characteristics, problems of agriculture, importance of Indian agriculture in economic development. Agriculture and environment
Unit 2 :	Green revolution in India – meaning, elements, achievements, economic effects and suggestions, need for new agricultural strategy, agricultural development during the five year plan
Unit 3 :	Agricultural problems in India- problems of share tenancy, size of farm, small and marginal farmers, marketed and marketable surplus, unemployment and disguised unemployment
Unit 4 :	Agricultural problems in India – Causes and measures of low production and productivity, Irrigation, problems of surplus cattle, problems of food and food security RECOMMENDED READINGS; Ahuja, Astha(2006):Agriculture and Rural Development in India. New Century Publications, New Delhi – 110002. John, W.Mellor : The Economics of Agricultural Development Choen : Economics of Agriculture. Heady, E.O. : Economics of Agricultural Production and Resources Use, Prentice Hall of India (Chaps. 1,2,3,4,5,8,12,20 and 24) Eicher and Witt : Agriculture in Economic Development, Vora & Co. Publishers Pvt. Limited, Bombay (Chaps 1,2,5, and 15), 1970 Halcrow, H.C. : Contemporary Reading in Agriculture, Mc-Graw Hill Prentice Hall, N.J., 1955 Gulati, A and T. Kelly (1999) Trade Liberalisation and Indian agriculture, Oxford University Press, New Delhi. Kahlo, A.S. and Tyagi D.S.(12983): Agricultural Price Policy in India, Allied Publishers, New Delhi N.L. Aggarwal(2003): Bhartiya Krishi Ka Arth Tantra, Rajasthan Hindi Granth Academy , Jaipur (Hindi) Schultz, T.W. : Transforming Traditional Agriculture, Yale University,1964 Sadhu, A.N and Singh, A.(2000): Fundamentals of Agricultural Economics, Himalaya Publishing House, New Delh

ECO -404B

INDIAN INDUSTRY - II

Unit 1 :	Large scale and Micro, small and medium enterprises in private sector with particular reference to financing. RECOMMENDED REARDINGS
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	Report R.K. Hazari, 1967, Role of Small Enterprise in Indian Economic Development Government of India: Report of Steel Control Committee(K.N.Raj.), Krishana Swami, Oct., 1966
Unit 2 :	Public sector Industries; Growth, structure problems of public Sector Management pricing and overall efficiency. Disinvestment of public sector enterprises RECOMMENDED READINGS ARC Report: Public Sector Undertakings, Oct., 1967 Hanson, A.H.: Public Enterprises and Economic Development Florence, P. Sargent: Industry and the State Gorawala, A.D.: Report on the Efficient Conduct of State Enterprises Ramanadhan, V.V.: Structure of Public Enterprises in India Raj K. Nigam (Ed.) Public Sector
Unit 3 :	Industrial progress in Rajasthan since 1956, Policy and Programmes to promote large and small-scale industries, Critical assessment of Industrial development during plans RECOMMENDED READINGS Eighth & Seventh Five Year Plans of Rajasthan Government of Rajasthan: Techno-Economic Survey of Rajasthan NCAER: Perspective Planning of Rajasthan Directorate of Industries and Civil Supplies: Growth potential and Prospects, July, 1970
Unit 4 :	Entrepreneurship: Concept of entrepreneur and Entrepreneurship, Entrepreneurship development. Need to promote the entrepreneurship small industries RECOMMENDED READINGS Entrepreneurship development-Dr. S.L. Gupta or Arun Mittil, Small Scale Entrepreneurship- Pranavi Garg, Pragati Agarwal, Industrial Economics and management- M. Mahajan

ECO -404C

WAGES AND SOCIAL SECURITY – II

Unit 1 :	Meaning and need of Social Security Measures, Social security of the Unorganized sector workers, Social Security: Social Security in the U.K., *U.S.A. and Erstwhile- U.S.S.R. (in general) Social Security in India
Unit 2 :	State and Labour: State and Social Security of Labour –Concept of Social Security and its evolution; Social Assistance and Social Insurance- Labour Welfare in India; Special Problems of Labour;
Unit 3 :	Factory Legislation and labor Welfare; Main features of present Factory legislation in India, Housing of Labour; Problems and Policy in India, steps taken by government, Labour Welfare in India; Policy and Measures, Labour Legislation in India.
Unit 4 :	Methods of Labour recruitment in India; National Employment Service Organization in India, employment service organization in India. RECOMMENDED READINGS Carter, A.M. : Theory of Wages and Employment.

	Gitlow, A.L. Labour and Industrial Society Singh, V.B.(ed): Industrial Labour in India. Bloom and Northrup : Economics of Labour Relations Sunha, M.R. (ed) : The Economics of Manpower Planning Nigam. S.B.L : state Regulation of Minimum Wages. Podkar, S.A.: Problems of Wage Policy for Economic Development Dobb, M. : Wages (E and H). Johri, C.K.(ed): Issues in Indian Labour Policy. Gilbert, B: The Evaluation of National Insurance in Great Britain Yadav. S.L : Wages Policy and Social Security
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ECO -404D

STATISTICAL FOUNDATIONS AND ECONOMETRICS-II

Unit-1	Sampling and Sampling Distributions: Sampling, sample Mean, Law of Large Numbers, Central Limit Theorem, Sampling from the Normal Distributions.
Unit-2	Chi-Square, F and Student 'T' Distributions. Properties of Good Estimator. Testing of Hypothesis and analysis of Variance (Elementary treatment)
Unit-3	Dummy Variable technique – Testing structural Stability of regression models comparing to regression, use of dummy variables, Distributed lag models- Koyak Model, adaptive expectations and partial adjustment model.
Unit- 4	Simultaneous Equation model: Need, Problem of Identification Estimation of Exactly Identified Equation-Indirect Least Squares, Estimation of over Identified Equation- Two stage least Square. REQUIRED READINGS Mood, Graybill and Boes : Introduction to the theory of Statistics (3 rd ed.) Johnson : Econometric (II ed.) Gujarati, and Sangeeta : Basic Econometrics (4 th ed.) Tata McGraw Hill Publishing Co., 2007

Skill course IV


RAJASTHAN ECONOMY

Course Description:

Using appropriate analytical framework, this course reviews major trends in economic indicators and policy debates in Rajasthan. This course examines sector-specific policies and their impact in shaping trends in key economic indicators in Rajasthan. It highlights major policy debates and evaluates the Rajasthan empirical evidence.

Unit-1	Features of Economy of Rajasthan, Resource endowment - Land, Water, Minerals, Forests, Demographic Trends, Human Development Index
Unit 2 :	Trends in State income – Structural growth before and after reforms, Sources of State Finances, Targets and Achievements of Plans and current year Budget

Unit 3 :	Agriculture sector of Rajasthan: Role of Agriculture in State Domestic Product Cropping pattern, Productivity and yield of major crops, Agricultural marketing, Agricultural finance, Marginalization and Agricultural Diversification in Rajasthan, Critical evaluation of government policies on agriculture sector
Unit 4 :	Industrial and power sector of Rajasthan, Trends and patterns in industrial growth, large scale and small scale industries of Rajasthan, Trends in hydro power generation in Rajasthan, Environmental issues related to Industrialization and power projects in Rajasthan REQUIRED READINGS 1. Mamoria and Hingorani (Eds.) : Industrial Potential of Rajasthan 2. Govt. of Rajasthan: State Income of Rajasthan (Directorate of Statistics and Economics) 3. Govt. of Rajasthan: Five Year Plans 4. Govt. of Rajasthan : Budgets Studies 5. Nathuramka : Bhartiya Arthavyavastha Ki Samasyain (Latest Ed.) 6. NCAER; Techno-Economic Survey of Rajasthan 7. Mathur, Hari Mohan: Rajasthan Ka Audhyogik Vikas, RHG Academy


 Head
 Department of Economics
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 Jodhpur

B.A. (Hons.) Economics Part I Examination

Please Note

- (i) The Syllabus has been divided into units. Questions will be set from each unit with provisions for internal choice.
- (ii) In order to ensure that students do not leave out important portions of syllabus, examiners will be free to repeat the questions set in previous year's examination.

PAPER I

INTERMEDIATE PRICE THEORY

Unit 1 : Role of price mechanism; Fundamental Quantitative Relationships: Total, average and marginal quantities. Demand and supply, market equilibrium; Concept of elasticity : Price elasticity of demand; cross elasticity and Income elasticity of demand; Elasticity of supply; Elasticity and total and marginal quantities

REQUIRED READINGS

LEFTWICH ; The Price System and Resource Allocation, Chs.1,2,3,
Stigler, G.J : The Theory of Price, The Macmillan Company

Unit 2 : Utility : Cardinal and ordinal approaches Indifference curve consumer's Equilibrium (Hicks and Slutsky) Giffen goods: Consumer's surplus, Engel curve; Demand Curve faced by the firm under different market situations

REQUIRED READINGS

Leftwich : Chs 5,6

Bilas, R.A : Micro Economic Theory Chs. 4 (83-101) (Hindi & Eng.)

Unit 3 : Production function, Iso-quant, Factor substitution Law of variable proportions; returns to scale; Economies of scale, Different concepts of cost and their interrelation; Equilibrium of the firm ; Expansion path

REQUIRED READING

Leftwich: Chs 8,9

Unit 4 : Market forms-Perfect and imperfect markets ; Equilibrium of a firm in Perfect competition, monopoly and price discrimination:

Taxation and equilibrium of firm; Measures of monopoly power, monopolistic competition; oligopoly –Various forms of Collusion

REQUIRED READING

Leftwich :Chs 11,12,13

Unit 5 : Marginal productivity theory of distribution; Pricing and employment of resources under various market situations. Rent: scarcity rent; Differential rent; Quasi rent; Profits: Innovation risk and uncertainty theories; Efficiency in resource allocation

REQUIRED READINGS

Leftwich :Chs.14,15,16

Joshi, J.M. & Joshi Rajendra: Micro Economic Theory, Ch 2,1

RECOMMENDED READINGS

Stigler, G.J.:The Theory of Price

Watson D.: Price Theory

Hicks, J.R. : Valu and Capital

Friedman M.: Price Theory

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प्रश्न पत्र I

अंतःस्थ कीमत सिद्धान्त

- इकाई I कीमत प्रणाली की भूमिका : आधारभूत संख्यात्मक सम्बन्ध, सकल, औसत एवं सीमान्त अवधारणाएँ, माँग एवं पूर्ति बाजार संतुलन, लोच का सिद्धान्त, माँग की कीमत लोच, आड़ी लोच एवं आय लोच, पूर्ति की लोच; लोच एवं सकल व सीमान्त अवधारणाएँ।
- इकाई II उपयोगिता : गणनसंख्यात्मक एवं क्रम संख्यात्मक उपयोगिता, उदासीनता वक्र, उपभोक्ता संतुलन (हिक्स एवं स्लटस्की), गिफिन वस्तुएँ, उपभोक्ता की बचत, ऐंजल वक्र, विभिन्न बाजारों में फर्म का माँग वक्र।
- इकाई III उत्पादन फलन : समोत्पाद वक्र, साधन स्थानापन्न; परिवर्तनशील अनुपातों का नियम, पैमाने के प्रतिफल, पैमाने की बचतें, विभिन्न प्रकार की लागतें एवं उनमें अन्तर्सम्बन्ध, फर्म का संतुलन, विस्तार पथ।
- इकाई IV बाजार के प्रकार : पूर्ण एवं अपूर्ण बाजार, फर्म का संतुलन, पूर्ण प्रतियोगिता, एकाधिकार एवं कीमत विभेद; करारोपण एवं फर्म का संतुलन, एकाधिकार शक्ति का माप, एकाधिकारात्मक प्रतियोगिता, अल्पाधिकार : गठबन्धन के विभिन्न प्रकार।
- इकाई V वितरण का सीमान्त उत्पादकता सिद्धान्त, विभिन्न बाजारों में साधन का कीमत एवं रोजगार निर्धारण, लगान, दुर्लभता लगान, भिन्नात्मक लगान, लाभ: अनिश्चितता सिद्धान्त, प्रभावी साधन आवंटन

PAPER II

INTERMEDIATE MACRO-ECONOMICS

- UNIT 1 Meaning, Importance, Limitations and Targets of Macroeconomics
National Income: Meaning and related concepts, Measurement with product and income methods, Difficulties in measurement
Elementary introduction to the Classical and Keynesian models of Macroeconomics
REQUIRED READINGS:
Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 1-3
Dudley Dillard, The Economics of John Maynard Keynes, Vikas Publishing House, Chaps. 2, 3
- UNIT 2 Consumption and Income determination: Consumption function, simple Income determination, short run & long run consumption function, the Multiplier, factors affecting Consumption
Investment function: Introduction, Discounting and the Present Value, Investment and rate of Interest, Investment function and the aggregate Expenditure function, Fiscal Policy and Income determination: integrating Government into expenditure function gap analysis and effects of changes in Government purchaser Lump-sum taxation and the Balanced Budget Multiplier
REQUIRED READINGS:

Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 4, 6, 5

UNIT 3 Demand for Money: The Transaction and Precautionary demand for money, Liquidity preference
Supply of Money: Definition of money supply, Open Market policy and money supply, Multiple credit expansion with leakages, monetary equilibrium.

REQUIRED READINGS:

UNIT 4 Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 7, 8

The Joint Income Expenditure and Monetary Equilibrium, The IS-LM model, Monetary and Fiscal policy, Policy effectiveness under different monetary assumptions

Aggregate Supply: Labour market, Aggregate Supply function, Money Wage controversy

REQUIRED READINGS:

UNIT 5 Dyersburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 9, 11

Inflation: theory of inflation, classical, Keynesian approach Philips curve-short run and long run Philips curve

Economic Fluctuations: Meaning and types of fluctuations, Phases of cycles, Hawtrey's monetary theory, Schumpeter's innovations theory, Keynesian theory and Hicks's theory

REQUIRED READINGS:

Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company, Chaps. 12, 13

Jhingan M.L. Macroeconomic Theory, xi ed. Vrinda Publications, Chaps.32, 34

RECOMMENDED READINGS:

Edward Shapiro, Macroeconomic Analysis

Branson W.H. Macroeconomic Theory and Policy

Ackley G. Macroeconomic Theory

Dornbush and Fischer, Macroeconomics

Jhingan M.L. Macroeconomic Theory, (Hindi/ English), xi ed. Vrinda Publications

Vaish M.C. Samasti Arthshastra, (Hindi/ English)

Sethi T.T. Macro Arthshastra, (Hindi/ English)

प्रश्न पत्र II

माध्यमिक समष्टि अर्थशास्त्र

इकाई 1 :

समष्टि अर्थशास्त्र का अर्थ, महत्व, सीमाएं एवं लक्ष्य

राष्ट्रीय आय : अर्थ एवं तत्सम्बन्धी अवधारणाएं, उत्पादन एवं आय

विधियों द्वारा राष्ट्रीय आय का मापन, मापन में कठिनाईयाँ

संस्थापित एवं केन्ज के समष्टि अर्थशास्त्रीय प्रारूपों का एक सरल परिचय

अनिवार्य पठन

डर्नबर्ग थॉमस एफ. मेक्रो इकोनोमिक्स सप्तम प्रकाशन

मैकग्रॉ हिल बुक कंपनी, अध्याय 1 से 3

डडले, डिलार्ड, द इकोनोमिक्स ऑफ जॉन मेनार्ड किन्स,

विकास पब्लिशिंग हाउस, अध्याय 2 एवं 3

इकाई 2 :

उपभोग एवं आय निर्धारण : उपभोग फलन, सरल आय निर्धारण, गुणक, उपभोग को प्रभावित करने वाले तत्व।

निवेश व्यय : परिचय, कटौती एवं वर्तमान मूल्य, निवेश एवं ब्याजदर, निवेश फलन एवं समग्र व्यय फलन

राजकोषीय नीति एवं आय निर्धारण : समग्र व्यय फलन में सरकार का समावेश, अन्तराल विश्लेषण एवं सरकारी क्रम में परिवर्तन के प्रभाव, एक मुश्त करारोपण एवं संतुलित बजट गुणक

अनिवार्य पठन

डर्नबर्ग अध्याय 4, 6, 5

इकाई 3 :

मुद्रा की मांग : मुद्रा का स्थान, विनिमय एवं सर्तकता हेतु मुद्रा की मांग, तरलता पसंदगी मुद्रा की आपूर्ति : मुद्रा आपूर्ति की परिभाषा, खुले बाजार नीति एवं मुद्रा आपूर्ति, रिसाव के साथ बहुगुणी साख विस्तार, मौद्रिक संतुलन,

अनिवार्य पठन

डर्नबर्ग अध्याय 7, 8

इकाई 4 :

संयुक्त आय-व्यय एवं मौद्रिक संतुलन, आई.एस.एल.एम. प्रारूप मौद्रिक एवं राजकोषीय नीति विभिन्न मौद्रिक मान्यताओं के अन्तर्गत नीति प्रभावशीलता समग्र आपूर्ति : श्रम बाजार, समग्र आपूर्ति फलन, मुद्रा एवं मजदूरी विरोधाभास।

अनिवार्य पठन

डर्नबर्ग अध्याय 9 एवं 11

इकाई 5 :

मुद्रास्फीति : मुद्रास्फीति का सिद्धांत, प्रतिष्ठित, केन्स मत, फिलिप्स वक्र – अल्प काल और दीर्घकाल फिलिप्स वक्र: आर्थिक उच्चवचन : उच्चावचन

का अर्थ एवं प्रकार चक्र की अवस्थाएँ, हॉट्टे का मौद्रिक सिद्धांत, शुम्पीटर का नव प्रवर्तन सिद्धांत, केन्स का सिद्धांत एवं हिक्स का सिद्धांत।

अनिवार्य पठन

डर्नबर्ग अध्याय 12 एवं 13

एम.एल. झिंगन, मेक्रो इकोनोमी थिअरी एकादश प्रकाशन, वृंदा पब्लिकेशन
अध्याय 32 एवं 34

अनुशंसित पठन

एडवर्ड शपीरो मेक्रो इकोनोमिक अनालिसिस

ब्रान्सन डब्ल्यू.एच. मेक्रो इकोनोमिक थिअरीज एवं पॉलिसी

एकले जी. मेक्रो इकोनोमिक थिअरी

डार्नबुश एवं फिशर, मेक्रो इकोनोमिक्स

झिंगन एम.एल. इकोनोमिक्स थिअरी (हिन्दी/अंग्रेजी)

ग्यावरह प्रकाशन वृंदा पब्लिकेशन

वैश्य एम.सी. समष्टि अर्थशास्त्र (हिन्दी/अंग्रेजी)

सेठी टी.टी. मेक्रो अर्थशास्त्र (हिन्दी/अंग्रेजी)

PAPER III

QUANTITATIVE METHODS FOR ECONOMICS

Part- I ELEMENTARY Mathematics

- Unit I : Co-ordinate "Geometry :Straight Line Equations, Quadratic Equations; Linear; Simultaneous Equations, Determinants, Basic Operations
Matrices : Elementary Operations, Inversion, Illustration with Input-Output System
- Unit 2 ; Elementary differential Calculus: Meaning and Standard Formulae. Maxima, Minima and Points of inflexion
- REQUIRED READINGS
- David Huang :Introduction to the use of Mathematics in Economic Analysis
- Mehta, B.C. and Madnani ;Arthashastra me Prarmbhik Ganit

PART II – STATISTICS

- Unit 3 : Meaning, Uses and Limitations of Statistics, Collection of Statistical data : Census and sample Investigation; Classification and Tabulation of Data
- Unit 4 : Measures of Central Tendency and Dispersion, Correlation-Karl Pearson's and Rank Correlation. Regression ; Two Variable Linear Regression
- Unit 5: Elementary Theory of Probability; Frequency Distributions- Characteristics of Binomial and Normal Distribution, Fitting of normal curve
- REQUIRED READINGS

Elhance, D.N. : Fundamental of Statistics
 Croxton and Cowden : Applied General Statistics
 Speegel, R.M. : Theory and Problems of Statistics

प्रश्न पत्र III

अर्थशास्त्र में संख्यात्मक तकनीक

भाग I प्रारम्भिक गणित

- इकाई I निर्देशांक ज्यामिति – सरल रेखा; समीकरण; द्विघात समीकरण, रैखिक, युगपत समीकरण, सारणिक; आधारभूत प्रक्रियाएँ, आव्यूह – प्रारम्भिक प्रक्रियाएँ, प्रतिलोमन, आदा-प्रदा विश्लेषण के उदाहरण
- इकाई II प्रारम्भिक अवकलन – अर्थ एवं प्रमुख सूत्र, उच्चिष्ठ, निम्निष्ठ तथा इन्फ्लेक्शन का बिन्दु
- भाग II सांख्यिकी
- इकाई III सांख्यिकी का अर्थ, प्रयोग एवं सीमाएँ, सांख्यिकीय आँकड़ों का संग्रहण; आँकड़ों का वर्गीकरण एवं सारणीयन
- इकाई IV केन्द्रीय प्रवृत्ति के माप तथा विचलन, सहसम्बन्ध – कार्ल पियरसन तथा रैंक सहसम्बन्ध, प्रतिपगमन – द्विचरीय रैखिक प्रतिपगमन
- इकाई V प्रारम्भिक प्रायिकता सिद्धान्त; बारम्बारता बंटन – द्विपद एवं नॉर्मल बंटन, नॉर्मल वक्र का समंजन

PAPER IV

ECONOMIC DEVELOPMENTS

- Unit 1 Meaning of Economic Growth and Development; Measuring Development- National income and per capita income, Human development index.
 Factors in the development process, Capital and Labour and Technology; Human Resources and Economic Development
 REQUIRED READINGS
 Todaro, M.P. and Smith, S.C.: Economic Development (Pearson Education 8th ed.) Chs. 1,2,3,
 Meier, G.M. Rauch, J.E.: Leading issues in Economic Development, (Oxford University Press, 8th ed.) Ch. I
- Unit : 2 Theories of Development and Growth : Classical Theory of Development Karl Marx and the Theory of Development; Schumpeter and capitalist Development; Harrod-Domar Model, Lewis's Model of unlimited supply of Labour .
 REQUIRED READINGS
 Higgins, B, (1995) : Economic Development, (Universal Book Stall, new

Delhi) Chs. 3,4,5,6 and 14

Thirlwall, A.P. : Growth and Development (Palgrave Mac Millan, 8th ed.)
Ch.4

Unit 3 : Approaches to the theory of Economic Development, Stages of Economic growth; Low level Equilibrium trap, Critical Minimum effort thesis; Big Push theory ; balanced and unbalanced growth.

REQUIRED READINGS

Higgins, B. : Economic Development, Chs. 9,15. Thirlwall, A. P. : Growth and Development, Macmillan Chs. 8,9.

Unit 4 : Development Planning –Need for and meaning of planning: Investment criteria : Alternative investment criteria, Social Cost Benefit analysis, Choice of techniques, Target setting and Priorities:

REQUIRED READINGS

Todaro, M.P. : Economic Development, Ch. 16

Thirlwall, A. P.: Growth and Development, Ch. 10,12

Jhingan, M.L The Economics of Development and Planning

Unit 5 Environment and Development: Meaning of environmental economics; Environmental economics and environmental Policy; main categories of environmental problems: air Pollution; water pollution; toxic chemical; ecosystem and natural environments; concept of sustainability, renewable and non-renewable resources.

Population, resources, and environment; Poverty and the environment, growth versus the environment, rural development and the environment; urban development and the environment the global environment:

The scope of environmental degradation, Privately owned resources, Common Property resources; public goods and bads : Regional environmental degradation and the free-rider problem,

REQUIRED READINGS :

Todaro, M.P. and Smith, S.C.-Economic Development (8th ed.) Ch,11

Kolstad, C.D. : Environmental Economic (OUP) Chaps. I and 2

RECOMMENDED READINGS :

Kindleberger, C. P. Economic Development McGraw Hill

Lewis, W.A.: The Principles of Economic Planning.

Mehrotra, S. and J. Richard (1998) : Development with a Human face, OUP, New Delhi.

Sankar, U : Environmental Economics, OUP.

Raghuvanshi, A. and Raghuvansi, C.L. : Paryavarha Pradushan, Madhya Pradesh Granth Academy


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प्रश्न पत्र IV

आर्थिक विकास

- इकाई I आर्थिक वृद्धि एवं विकास का अर्थ, विकास का माप : राष्ट्रीय आय तथा प्रति व्यक्ति आय, मानव विकास सूचकांक, विकास प्रक्रिया में साधन : पूँजी, श्रम एवं तकनीक, मानव संसाधन एवं आर्थिक विकास।
- इकाई II आर्थिक विकास एवं वृद्धि के सिद्धान्त, विकास का प्रतिष्ठित सिद्धान्त, कार्ल मार्क्स एवं विकास का सिद्धान्त, शुम्पीटर एवं पूँजीगत विकास, हैरोड-डोमर मॉडल, लुइस का असीमित श्रम पूर्ति सिद्धान्त।
- इकाई III आर्थिक विकास के सिद्धान्त : आर्थिक वृद्धि की अवस्थाएँ, निम्न स्तरीय संतुलन पाश, क्रांतिक न्यूनतम प्रयास सिद्धान्त, बड़ा धक्का सिद्धान्त, संतुलित एवं असंतुलित वृद्धि।
- इकाई IV विकास का नियोजन : नियोजन का अर्थ एवं आवश्यक निवेश चयन तर्क: वैकल्पिक निवेश चयन तर्क, सामाजिक लागत लाभ विश्लेषण, तकनीक का चुनाव, लक्ष्य निर्धारण एवं प्राथमिकताएँ।
- इकाई V पर्यावरण एवं विकास : पर्यावरण अर्थशास्त्र का अर्थ, पर्यावरण अर्थशास्त्र एवं पर्यावरण नीति, पर्यावरण समस्याओं के प्रमुख प्रकार : वायु प्रदूषण, जल प्रदूषण, जहरीले रसायन; प्रकृति तंत्र एवं प्राकृतिक वातावरण, संधारणता का विचार, नवकरणीय एवं अनवकरणीय संसाधन जनसंख्या, संसाधन एवं पर्यावरण, निर्धनता एवं पर्यावरण, वृद्धि बनाम पर्यावरण, ग्रामीण विकास एवं पर्यावरण, नगरीय विकास, एवं पर्यावरण, वैश्विक पर्यावरण पर्यावरण क्षरण का क्षेत्र, निजी स्वामित्व संसाधन, सार्वजनिक संपत्ति संसाधन, सार्वजनिक भलाई एवं बुराई, क्षेत्रीय पर्यावरणीय क्षरण तथा फ्री राइडर प्रोब्लम।

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B.A. / B.Sc. I Year 2021-22
ECONOMICS

Part	Total no. Q.	Marks each Q.	Total Marks
A	10	2	20
B	5	7	35
C	3	15	45
	Total		100

ECONOMICS

PAPER I

HISTORY OF ECONOMIC THOUGHT

Max. Marks: 100

Time : 3 Hours

- Unit 1 : Meaning and Importance of History of Economic Thought, History of Economic Analysis and Economic History, Mercantilism, Physiocrats, Adam Smith
- Unit 2 : David Ricardo, Thomas Robert Malthus, Sismondi, JS Mill
- Unit 3 : Utopian socialists – Robert Owen, Charles Fourier and Perirre Joseph Proudhon ; Friedrich List, Karl Marx – an Elementary Treatment
- Unit 4 : Austrian School : Karl- Menger, Friedrich- Von Wieser, Eugen von Bohm-Bawerk and Alfred Marshall
- Unit 5 : Indian Economic Thought : Kautilya, Mahadev Govind Ranade, Gopal Krishna Gokhale, Mahatma Gandhi and Jawahar Lal Nehru, Dr. B.R. Ambedkar.

RECOMMENDED READINGS

Gide and Rist : History of Economic Doctrines

Haney, L.N. : History of Economic Thought

Eric Roll : History of Economic Thought

Ghosh, B.N. and Ghosh, R.R. : Concise History of Economic Thought, (Himalaya Publishing House), Delhi


Loknathan, V. : A History of Economic Thought, S. Chand, Delhi

वैश्व, एम.सी. : आर्थिक विचारों का इतिहास

हजेला, टी.एन. : आर्थिक विचारों का इतिहास

श्रीवास्तव , एस. के. : आर्थिक विचारों का इतिहास (हिन्दी एवं अंग्रेजी), चाँद दिल्ली

[Type text]


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अर्थशास्त्र

प्रथम प्रश्न-पत्र

आर्थिक विचारों का इतिहास

समय— 3 घण्टे

पूर्णांक— 100

- इकाई 1 — आर्थिक विचारों के इतिहास का अर्थ एवं महत्व । आर्थिक विश्लेषण का इतिहास एवं आर्थिक इतिहास । वणिकवाद, प्रकृतिवाद, एडमस्मिथ
- इकाई 2 — डेविड रिकार्डो, टॉमस रॉबर्ट माल्थस, सिसमण्डी, जे.एस. मिल
- इकाई 3 — कल्पनावादी समाजवादी— रॉबर्ट ओवेन, चार्ल्स फूरिये और पेरी जोसफ प्रूथों, फ्रेड्रिक लिस्ट, कार्ल मार्क्स — प्रारम्भिक विश्लेषण
- इकाई 4 — आस्ट्रियन सम्प्रदाय — कार्ल मेंजर फ्रेडरिक वॉन वीजर, यूजिन वॉन बॉम बॉवर्क और एल्फ्रेड मार्शल
- इकाई 5 — भारतीय आर्थिक विचार—कौटिल्य, महादेव गोविन्द रानाडे, गोपाल कृष्ण गोखले, महात्मा गांधी, जवाहरलाल नेहरू, और डॉ. बी.आर. अम्बेडकर

आवश्यक पाठ्य सामग्री

वैश्व, एम.सी. : आर्थिक विचारों का इतिहास

हजेला, टी.एन. : आर्थिक विचारों का इतिहास

श्रीवास्तव , एस. के. : आर्थिक विचारों का इतिहास (हिन्दी एवं अंग्रेजी) , चौद दिल्ली

Gide and Rist : History of Economic Doctrines

Haney, L.N. : History of Economic Thought

Eric Roll : History of Economic Thought

Ghosh, B.N. and Ghosh, R.R. : Concise History of Economic Thought, (Himalaya Publishing House), Delhi


Loknathan, V. : A History of Economic Thought, S. Chand, Delhi

ECONOMICS PAPER II ECONOMIC THEORY I

Max. Marks: 100

Time: 3 Hours

[Type text]


Head
Department of Economics
JNV University
Jodhpur


- Unit 1 : Economics – A Logic of choice, Positive and Normative approaches ; Macro and Micro Economics ; Methods of Economic Analysis – Inductive and Deductive : Statics and Dynamics
REQUIRED READINGS
 Seth, M.L.: Principles of Economics, Chaps. 1,2,3,4,5
 Nathuramka: Micro Economics (Hindi) Chaps. 4,5,6,7,8
- Unit 2 : Theory of Demand – Law of Demand, Utility Approach, Indifference Curve Approach, Elasticity of Demand : Price, Income and Cross Elasticity, Revenue-Total, Marginal and Average, Concept of Consumer's surplus
REQUIRED READINGS
 Nathuramka: Micro Economics (Hindi) Chaps. 11,12,13,14&15
- Unit 3 : Theory of Production – Introduction, Laws of Returns to Factors and Returns to scale
 Cost- Short- run and Long run
 Concept of Isoquants, Isocosts and Production Possibility curves
REQUIRED READINGS
 Nathuramka: Chaps. 24,25,26,& 27
- Unit 4 : The Commodity Market- Market Demand and Market Supply, Price and Output determination under perfect Competition, Simple and Discriminatory Monopoly, Monopolistic Competition, Chamberlin's Group Equilibrium.
REQUIRED READINGS
 Nathuramka: Chaps. 32,33,34
- Unit 5 : The Factor Market- Marginal Productivity Theory of Distribution.
 Rent – Ricardian, Quasi- Rent and Modern Theories. Profit: Dynamic, Risk and Uncertainty Theories; Wages: Meaning, Nominal and Real Wage Rate. Modern theory of Wages.
REQUIRED READINGS
 Nathuramka : 38,40,43
- RECOMMENDED READINGS**
 Samuelson and Nordhaus : Economics, Latest English or Hindi Edition

द्वितीय प्रश्न –पत्र
 आर्थिक सिद्धांत 1

समय: 3 घण्टें

पूर्णांक: 100

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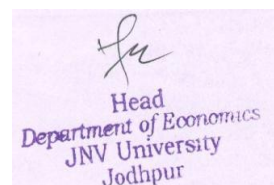

 Head
 Department of Economics
 JNV University
 Jodhpur

- इकाई 1 – अर्थशास्त्र – चयन का एक तर्क , वास्तविक विज्ञान एवं आदर्श विज्ञान के दृष्टिकोण; समष्टि एवं व्यष्टि अर्थशास्त्र , आर्थिक विश्लेषण की विधियां– आगमन एवं निगमन, स्थैतिक एवं प्रावैगिक अर्थशास्त्र
- इकाई 2 – मांग का सिद्धांत – मांग का नियम, उपयोगिता दृष्टिकोण, उदासीन वक्र दृष्टिकोण मांग की लोच : कीमत ,आय एवं तिरछी लोच
आगम–‘सकल, सीमान्त एवं औसत, उपभोक्ता की बचत की अवधारणा
- इकाई 3 – उत्पादन का सिद्धांत – परिचय; साधनों के प्रतिफल एवं पैमाने के प्रतिफल के नियम, लागत – अल्पकालीन तथा दीर्घकालीन
समोत्पाद– वक्र, समलागत रेखा एवं उत्पादन – सम्भावना वक्र की अवधारणाएं
- इकाई –4 वस्तु बाजार : बाजार मांग व बाजार पूर्ति । पूर्ण प्रतियोगिता एवं साधारण तथा विभेदात्मक एकाधिकार में कीमत एवं उत्पादन का निर्धारण
एकाधिकारिक प्रतियोगिता, चेम्बरलिन का सामूहिक साम्य
- इकाई – 5 साधन बाजार : वितरण का सीमान्त उत्पादकता सिद्धांत । लगान– रिकार्डो का सिद्धांत, आभास लगान एवं आधुनिक सिद्धांत। लाभ – प्रावैगिक, जोखिम एवं अनिश्चितता का सिद्धांत, मजदूरी–अर्थ; मौद्रिक एवं वास्तविक मजदूरी दर, मजदूरी का आधुनिक सिद्धांत

अनुशंसित पुस्तकें –

Nathuramka : Micro Economics (Hindi)

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B.A. / B.Sc. III Year-2021-22

ECONOMICS

Part	Total no. Q.	Marks each Q.	Total Marks
A	10	2	20
B	5	7	35
C	3	15	45
		Total	100

PAPER I

ECONOMIC DEVELOPMENT AND POLICY IN INDIA

Max. Marks: 100

Time: 3 Hours

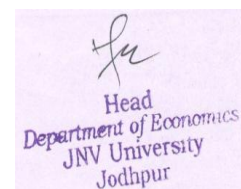
The student is expected to carefully read the required readings. An understanding of recommended reading would entitle the examinee to extra credit in the answers to examination questions.

- Unit- 1. Characteristics of underdeveloped countries with special reference to India. Factor in development: Capital formation (physical and human) role of technology: sustainability, institutional factors. Population and Economic development, Demographic trends, urbanization, occupational structure and population policy.
- Unit- 2. Issues in Indian Planning; Objectives and critical evaluation(growth, self-reliance, employment generation, inequality reduction, poverty removal, modernisation and competitiveness, economic reforms) Saving and Investment; Mobilisation of internal and External finance Centre-state financial relation.
- Unit- 3 Agriculture: Its importance in the Indian Economy. Problems and solutions regarding low productivity, agricultural credit, agricultural labour, agricultural marketing, and agricultural pricing. The Green revolution and its aftermath. Land reform, regional variations and choice of agrarian techniques.
- Unit-4 Industry: Industrial Policy: pre and post 1991. Relative roles of large and small scale. Public vs. Private sector. The role and form of foreign capital (Foreign Institutional Capital, Foreign direct investment).
- Unit-5 Major Changes in India's Commodity exports and imports since 1951 with regard to Value, composition and direction; Foreign Trade: Role and importance of foreign trade in India. India and the World trade Organization (WTO).

Readings:

1. M.A. Todro, Economic Development in the Third World. Addison-Wesley. 6th ed. Chs.1-3.

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2. Uma kapila, “Indian Economy since independence”. 16th edition. Academic foundation(2004)
3. Arvind Virmani. Accelerating Growth and Poverty reduction: A Policy Framework for India's Development(2004)
4. Government of India Economic Survey (latest)
5. Government of India, Five Year Plan. (latest)
6. Government of India, Finance Commission
7. Economic Development and policy in India. Dr. Deepa Shree One book Published
8. T.R.Jain, V.K.Ohri, B.D. Majhi . V.K.Global Publication Pvt.Ltd Hindi& English
9. Indian Economy- S.K. Misra & U.K. Puri Hindi& English Himalaya Publication Pvt.Ltd.

Note:-

1. With regard to each topic listed, due emphasis should be laid on analysis and not mere description of the relevant problem.
2. Details of the relevant chapters of readings based on revised editions with selection from the current literature, will be prescribed before the course is taught.

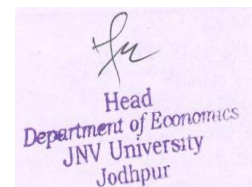
अर्थशास्त्र

प्रथम प्रश्न – पत्र

भारत में आर्थिक विकास और नीति

- इकाई 1 – अल्पविकसित देशों की विशेषताएँ भारत के विशेष संदर्भ में । विकास के साधन: पूँजी निर्माण (भौतिक एवं मानवीय) तकनीक की भूमिका; धारणीयता, संस्थागत कारक । जनसंख्या और आर्थिक विकास, जनकांकिय प्रवृत्तियाँ, शहरीकरण, व्यवसायिक ढांचा और जनसंख्या नीति ।
- इकाई 2 – भारतीय नियोजन में मुद्दे; उद्देश्यों और आलोचनात्मक मूल्यांकन (वृद्धि आत्म-निर्भरता, रोजगार, सृजन), असमानता में कमी, गरीबी उन्मूलन, आधुनिकीकरण एवं प्रतिस्पर्धात्मकता, और आर्थिक सुधार । बचत और निवेश; आन्तरिक एवं बाह्य वित्त की गतिशीलता, केन्द्र-राज्य वित्तीय सम्बन्ध
- इकाई 3 – कृषि : भारतीय अर्थ व्यवस्था में इसका महत्व, समस्याएँ और निम्न उत्पादकता सम्बन्धी उपाय, कृषिगत साख एवं कृषिगत श्रम, कृषिगत विपणन और कृषिगत कीमतें । हरित क्रांति और इसका बाद के भ्रम, भू-सुधार, क्षेत्रीय भिन्नताएँ, कृषिगत तकनीक का चुनाव ।
- इकाई 4 – उद्योग: औद्योगिक नीति 1991 से पूर्व एवं पश्चात्, वृहद एवं लघु पैमाने के उद्योगों की सापेक्षिक भूमिका, सार्वजनिक बनाम निजी क्षेत्र । विदेशी पूँजी का रूप एवं भूमिका (विदेशी संस्थागत, पूँजी, विदेशी प्रत्यक्ष विनियोग)
- इकाई 5 – सन् 1951 से भारत के वस्तु निर्यात एवं आयात में प्रमुख परिवर्तन- मूल्य, संरचना एवं दिशा के संदर्भ में । विदेशी व्यापार : भारत में विदेशी व्यापार की भूमिका एवं महत्व । भारत एवं विश्व व्यापार संगठन (डब्ल्यू.टी.ओ.)

[Type text]



Readings:

1. M.A. Todro, Economic Development in the Third World. Addison-Wesley. 6th ed. Chs.1-3.
2. Uma kapila, "Indian Economy since independence". 16th edition. Academic foundation(2004):
3. Arvind Virmani. Accelerating Growth and Poverty reduction: A Policy Framework for India's Development(2004)
4. Government of India Economic Survey (latest)
5. Government of India, Five Year Plan. (latest)
6. Government of India, Finance Commission
7. Economic Development and policy in India. Dr. Deepa Shree One book Published
8. T.R.Jain, V.K.Ohri, B.D. Majhi . V.K.Global Publication Pvt.Ltd Hindi& English
9. Indian Economy- S.K. Misra & U.K. Puri Hindi& English Himalaya Publication Pvt.Ltd.

- Note:-
1. With regard to each topic listed, due emphasis should be laid on analysis and not mere description of the relevant problem.
 2. Details of the relevant chapters of readings based on revised editions with selection from the current literature, will be prescribed before the course is taught.


ECONOMICS
PAPER II
BASIC STATISTICS AND ELEMENTARY MATHEMATICS

Max. Marks: 100

Time : 3 Hours

- Unit 1 : Meaning, uses and limitations of statistics, Collection of Statistical Data- Census and sample investigation, classification and presentation of Data-Statistical Tables, Graphs, Frequency Distribution, Diagrams.
- Unit 2 : Measures of Central Tendency: Arithmetic Mean, Median, Mode, Geometric Mean and Harmonic Mean.
- Unit 3 : Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, standard Deviation and Co- efficient of Variation simple Correlation : Karl Pearson's Correlation co- efficient and Spearman's rank correlation.
- Unit 4 : Simple two variable Linear regression, Fisher's Index numbers, Interpolation and extrapolation – Newton and Lagrange method
- Unit 5 : Elementary Mathematics
Simultaneous and Quadratic Equations
Arithmetic and Geometric Progressions, Logarithms

[Type text]


Head
Department of Economics
JNV University
Jodhpur

RECOMMENED READINGS

Elhance, D.N: Fundamental of Statistics

Singhal, M.L: Elements of Statistics

Nagar, A.L. and Das, R.K.: Basic Statistics

Mehta and Madnani: Elementary Mathematics in Economics (Hindi and English ed.)

Croxton Cowden: Applied General Statistics

Nagar, K.N.: Sankhyiki ke mool tatva

Gupta, BN : Sankhyiki

द्वितीय प्रश्न – पत्र आधारभूत सांख्यिकी और प्रारंभिक गणित

पूर्णांक : 100

समय : 3 घण्टे

- इकाई 1 : सांख्यिकी का अर्थ , उपयोग एवं सीमाएं : सांख्यिकीय समंको का संकलन— संगणना एवं निदर्शन अनुसंधान; समंको का वर्गीकरण एवं प्रस्तुतिकरण सांख्यिकीय सारणियां , रेखाचित्र , आवृति वितरण का चित्रमय प्रदर्शन :
- इकाई 2 : केन्द्रीय प्रवृत्ति का माप: समान्तर माध्य, मध्यका, भूयिष्ठक (बहुलक), गुणोत्तर माध्य एवं हरात्मक माध्य
- इकाई 3 – अपकिरण (विचरण) का माप : विस्तार, चतुर्थक विचलन, माध्य विचलन, प्रमाप विचलन एवं विचरण गुणांक; साधारण सह—सम्बन्ध, कार्ल पियर्सन का सह सम्बन्ध गुणांक और स्पियरमैन की कोटि – अन्तर रीति;
- इकाई 4 – सरल रेखीय प्रतीपगमन, फिशर का सूचकांक , आन्तरगणन एवं बाह्यगणन – न्यूटन और लाग्रैज की रीति
- इकाई 5 – प्रारम्भिक गणित युगपत एवं द्विघाती समीकरण, समानान्तर श्रेणी एवं गुणोत्तर श्रेणी , लघुगुणक

पाठ्य सामग्री –

के.एन. नागर: सांख्यिकी के मूल तत्व

वी.एन.गुप्ता: सांख्यिकी

यादव ,पोरवाल एवं शर्मा: सांख्यिकी

Elhance, D.N: Fundamental of Statistics

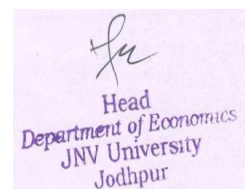
Singhal, M.L. : Elements of Statistics

Nagar, A.L. and Das, R.K. : Basic Statistics

Mehta and Madnani: Elementary Mathematics in Economics (Hindi and English ed.)

Croxton Cowden: Applied General Statistics

[Type text]



B.A. / B.Sc. II Year 2021-22

ECONOMICS

Part	Total no. Q.	Marks each Q.	Total Marks
A	10	2	20
B	5	7	35
C	3	15	45
		Total	100

PAPER I

ECONOMICS OF DEVELOPMENT AND PLANNING

Max. Marks: 100

Time: 3 Hours

- Unit 1 : Economic Growth, Development and Progress: Meaning and Measurement of Economic Development, Meaning of Vicious circle, Capital Formation and Human Resource Development, Resource mobilization
- Unit II Factors of Economic Growth : Economic and non Economic, Economic factors-Natural resources capital accumulation organization, Technological Progress, Division of Labour, and scale of Production, structural changes Non Economic factors: Religious–Cultural Attitudes, Social factors values attitudes and institutions, Human factors: political and administrative changes.
Structural changes under development, changes in the composition of production, shifts in the structure of product use, shift the structure of consumption, changes in the structure of employment, structure of investment , shifts in the structure of foreign trade
- Unit 3 : Theories of Development : Rostow’s Theory of Historical Stages of Growth, Balanced and unbalanced Growth, Choice of Technique : Capital intensive and Labour Intensive
- Unit 4 : Economic Planning: Meaning, Need, objective and its relevance. Planning under mixed Economy, Prerequisites of effective planning. The Indian Planning System : Planning Commission, plan formulation and Evaluation. Niti Ayog: Objectives and difference between Planning Commission and Niti ayog
- Unit 5 : Environment and Development, Sustainable economic development, Problems of environment. Man and environment, Proper use and efficient management of natural resources, National efforts to reduce pollution

REQUIRED READINGS

Thirlwall, A.F. (2004)- Growth & Development, Wiled Palgrave McMillan Chs 1.2.3

Todaro, M.P. Smith, S.C. (2004)-Economic Development (8th ed)Pearson Education LPE Cha 2,4

Jhingan, M.L. : vikas evam Niyojan ka Arthashastra, Vrinda Publications, New Delhi

Seth, M. L. : thory and Practice of economics Planning,S. Chand & Co. New Delhi

Meir & Baldwin : Economic Development Theory, History &v policy


Dominick Salvatore & Edward Dowling:Development Economics (Schaum`s outline series)

Planning Commission, Government of India: current five plan

Government of Rajasthan : Current five year plan of Rajasthan

Sanskar, U : Environmental Economics, Oxford University press

[Type text]


Head
Department of Economics
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अर्थशास्त्र
प्रथम प्रश्न – पत्र
विकास का अर्थशास्त्र एवं नियोजन


पूर्णांक : 100
समय : 3 घण्टे

- इकाई 1 – आर्थिक वृद्धि, विकास और प्रगति अर्थ एवं आर्थिक विकास माप; गरीबी दुष्चक्र का अर्थ , पूंजी निर्माण एवं मानव संसाधन विकास, संसाधन गतिशीलता
- इकाई 2 – आर्थिक वृद्धि के कारक: आर्थिक तथा गैर आर्थिक, आर्थिक कारक—प्राकृतिक साधन, पूंजी—निर्माण; संगठन, प्रौद्योगिकीय उन्नति, श्रम विभाजन एवं उत्पादन का पैमाना; संरचनात्मक परिवर्तन; गैर—आर्थिक कारक—धार्मिक—सांस्कृतिक वृत्तियाँ, सामाजिक कारक; सामाजिक मूल्य, वृत्तियाँ एवं संस्थाएँ, मानवीय कारक; राजनैतिक एवं प्रशासनिक परिवर्तन; विकास के अन्तर्गत संरचनात्मक परिवर्तन—उत्पादन की संरचना में परिवर्तन; उत्पाद प्रयोग की संरचना में परिवर्तन; उपभोग की संरचना में परिवर्तन; रोजगार की संरचना में परिवर्तन; निवेश की संरचना; विदेशी व्यापार की संरचना में परिवर्तन:
- इकाई 3 – विकास के सिद्धान्त: वृद्धि की ऐतिहासिक अवस्थाओं का रोस्टोव का सिद्धान्त, सन्तुलित एवं असन्तुलित वृद्धि, तकनीकी विकल्प – पूंजी गहन एवं श्रम गहन
- इकाई 4 – आर्थिक नियोजन—अर्थ, आवश्यकता, उद्देश्य एवं इसकी महत्ता: मिश्रित अर्थव्यवस्था में नियोजन; प्रभावी नियोजन की पूर्व आवश्यकताएं; भारतीय नियोजन प्रणाली: योजना आयोग, योजना निर्माण एवं मूल्यांकन । नीति आयोग— उद्देश्य तथा योजना आयोग, एवं नीति आयोग में अंतर
- इकाई 5 – पर्यावरण एवं विकास, संधारणीय आर्थिक विकास , पर्यावरण की समस्याएं; मानव एवं पर्यावरण; प्राकृतिक संसाधनों का उचित उपयोग एवं प्रभावी प्रबन्ध, प्रदूषण निवारण हेतु राष्ट्रीय प्रयास

अनुशंसित पुस्तकें –

झिंगन, एम.एल. – विकास एवं नियोजन का अर्थशास्त्र , वृदा प्रकाशन , नई दिल्ली।
सेठ, एम.एल. : आर्थिक नियोजन के सिद्धान्त एवं व्यवहार, एस.चांद एण्ड कम्पनी, नई दिल्ली।
मायर एवं वाल्डविन : आर्थिक विकास सिद्धान्त, इतिहास एवं नीति
डॉमिनिक साल्वाटोर एवं एडवर्ड डाउलिंग विकास अर्थशास्त्र (सोम—श्रृंखला)
योजना आयोग, भारत सरकार : वर्तमान योजना
राजस्थान सरकार : राजस्थान की वर्तमान पंचवर्षीय योजना
संकर यू: पर्यावरणीय अर्थशास्त्र, ऑक्सफोर्ड विश्वविद्यालय मुद्रणालय
रघुवंशी, ए.एवं. रघुवंशी, सी.एल. पर्यावरण एवं प्रदूषण, मध्यप्रदेश ग्रंथ अकादमी, भोपाल

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Head
Department of Economics
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B.A. / B.Sc. II Year
ECONOMICS
PAPER II
ECONOMIC THEORY II

Max. Marks: 100

Time : 3 Hours

- Unit 1 : Introduction to Macro Economics: Meaning, Scope, Importance, Limitations; Difference between Macro and Micro Economics, National Income: concepts relating National Product/National Income, Measurement of National Income, difficulties and precautions in measurement of National Income, National Income and Economic Welfare
- Unit 2 : Determinants of National Income- Consumption Function; simple Keynesian consumption Function: Factors affecting saving–Consumption : Concept of simple Multiplier, Investment Function: Meaning, Determination of level of Investment ; Equality between Saving and Investment
- Unit 3 : Money and Prices : concept of Money supply, Value of Money and its Measurement with Index Numbers, Quantity Theory of Money, Fisher and Cambridge Versions Commercial Banking : Principles of Commercial Banking Functions of Commercial Bank, Credit Creation
- Unit 4 : International Trade: Meaning, Difference between International and Domestic Trade, Theory of Comparative Advantage, Balance of Trade and Balance of Payments Foreign Exchange: Determination of Exchange Rate- Mint Par Theory and Purchasing Power Parity Theory : Objectives and Methods of Exchange Control
- Unit 5 : Public Finance : Meaning, Difference between Private and Public Finance : Public Revenue and its Sources : Tax and Non- Tax ; Sources of Public Debt; Types and Role of Public Expenditure

RECOMMENED READINGS

Samuelson & Nordhaus : Economics (H&E)

Chandler, L.V. Economics of Money and Banking .

Hansen, A. : Guide to keynes.

Dernburg and McDougall: Macro Economics.

Ellsworth, P.T. and Leith, J.L. : The International Economy


REQUIRED READINGS

Seth M.L. : Mudra evam Banking (H&T)

Sethi, T.T. : Macro Economics (Hindi)

Vaishya, M.C. : Macro Economics (Hindi)

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JNV University
Jodhpur

द्वितीय प्रश्न – पत्र
आर्थिक सिद्धांत 2


पूर्णांक : 100
समय : 3 घण्टे

- इकाई 1 : समष्टि अर्थशास्त्र का परिचय : अर्थ , क्षेत्र , महत्व एवं सीमाएं ।
समष्टि एवं व्यष्टि अर्थशास्त्र में **अन्तर**, राष्ट्रीय आय: राष्ट्रीय उत्पाद / राष्ट्रीय आय से सम्बन्धित अवधारणाएं; राष्ट्रीय आय का माप; कठिनाइयां एवं सावधानियां, राष्ट्रीय आय एवं आर्थिक कल्याण
- इकाई 2 – राष्ट्रीय आय के निर्धारक तत्व – उपभोग फलन : केंज का साधारण उपभोग फलन; बचत/उपभोग को प्रभावित करने वाले घटक, सरल गुणक की अवधारणा; निवेश फलन : अर्थ, निवेश के स्तर का निर्धारण, बचत एवं निवेश के बीच समानता
- इकाई 3 – मुद्रा एवं कीमत स्तर: मुद्रा की पूर्ति की अवधारणा: मुद्रा का मूल्य एवं सूचकांक द्वारा इसका मापन; मुद्रा का परिमाण सिद्धांत – फिशर एवं केम्ब्रिज विचारधारण
व्यापारिक बैंकिंग : व्यापारिक बैंकिंग के सिद्धांत; व्यापारिक बैंक के कार्य, साख निर्माण
- इकाई 4 : अन्तर्राष्ट्रीय व्यापार : अर्थ, अन्तर्राष्ट्रीय एवं घरेलू व्यापार-अन्तर, तुलनात्मक लाभ का सिद्धान्त, व्यापार सन्तुलन एवं भुगतान सन्तुलन
विदेशी विनियम: विनियम दर का निर्धारण; टकसाली समता सिद्धांत और क्रय शक्ति समता सिद्धांत , विनियम नियंत्रण के उद्देश्य एवं विधियां
- इकाई 5 – सार्वजनिक वित्त : अर्थ, सार्वजनिक एवं निजी वित्त में अन्तर। सार्वजनिक आय एवं इसके स्रोत : कर एवं गैर कर । सार्वजनिक ऋण के स्रोत । सार्वजनिक व्यय के प्रकार एवं इसकी भूमिका

RECOMMENDED READINGS

Jhingan M.L. Macroeconomic Theory, (Hindi/ English), xi ed. Vrinda Publications
Vaish M.C. Samasti Arthshastra, (Hindi/ English)
Sethi T.T. Macro Arthshastra, (Hindi/ English)
Samuelson & Nordhaus : Economics (H&E)
Dernburg and McDougall: Macro Economics

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DEPARTMENT OF ECONOMICS
J.N.V. UNIVERSITY JODHPUR

MPET 2020-21 SYLLABUS

Unit-I

Theory of Demand-Axiomatic approach, Demand functions, Consumer behavior under conditions of uncertainty
Theory of production
Collusive and non-collusive oligopolies
Different models of objectives of the firm-Baumol, Morris and Williamson
Factor pricing
General equilibrium and Welfare Economics

REQUIRED READINGS

Gould and Lazear : Micro Economic Theory, Sixth Edition
(Richard D Irwin Inc. Illinois)
Joshi, J.M.& Joshi, Rajendra
Koutsoyiannis : Modern Micro Economics

Unit-II

Keynesian and post-Keynesian approaches to theory of output and employment;
Concept of investment multiplier; consumption hypotheses
Theories of investment and accelerator
Theories of demand for money-Keynesian and post-Keynesian
Different approaches to money supply; money supply; components and determinants;
Money multiplier
Output- price determination (aggregate supply and aggregate demand curve analysis)
Mundell -Fleming open economy model

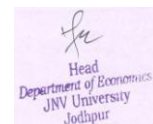
REQUIRED READINGS

Ackley, G.: Macro Economic Theory and Policy, 1987
Demburg, T.F. and Mc Dougall, D.M. : Macro Economics 5/e, 1997
Dornbusch, Ficher and Startz ; Macro Economics, 9/e, 2005 Chs. 5,10,`12
Rosalind, Leavcic and Rebmann : Macro Economics _ An Introduction to Keynesian –Neo Classical Controversies 2/e, reprint 1991, Chs. 2,3,,10

Unit-III

Development and Growth-Role of institutions
Theories of growth and development- Models of growth of Joan Robinson and Kaldor; Technical Progress-Hicks, Harrod and learning by doing, production function approach to the determinants of growth : Endogenous growth : role of

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education, research and knowledge-explanation of cross country differentials in economic development and growth.

Theories of development – Classical, Marx, Schumpeter and structural analysis of development – Imperfect market paradigm, Lewis model of development, Ranis-Fei model, Dependency theory of development

Factors in economy development- natural resources, population, capital, Human Resource Development and infrastructure

Trade and development- trade as engine of growth, two-gap analysis, Prebisch, Singer and Myrdal views; gains from trade and LDCs

REQUIRED READINGS

Thirlwall, A.F. (2004)- Growth & Development, Wileed Palgrave McMillan

Todaro, M.P. Smith, S.C. (2004)-Economic Development (8th ed) Pearson Education LPE

Unit-IV

Theories of taxation, types, incidence and effects

Theories of public expenditure-effects on savings, investment and growth

Burden of public debt

Union Finance-Trends in Revenue and Expenditure of the Government of India

State finance-Trends in Revenue and Expenditure of the State Governments

Public debt- India's Public debt since 1951- growth composition, ownership pattern and debt managements

Union-State Financial Relations- Horizontal and vertical imbalance; the Finance Commissions

Fiscal Policy and Fiscal Reforms in India

REQUIRED READINGS

Musgrave, R.A. 1959: "The Theory of Public Finance", McGraw Hill,

Herber, B.P. 2004 "Modern Public Finance", (Fifth Edition): Richard, D. Irwin,

Browning E.K. and Browning J.M. 2004: "Public Finance and the Price System", Pearson Education,

Bagchi, Amaresh.2005 : "Readings in Public Finance"; Oxford University Press,

Dutt and Sundram (Latest edition): "Indian Economy", S.Chand & Co., New Delhi.

Kaushik Basu, eds (2007) : Economics in India – OUP, New Delhi.

Govt. of India, Ministry of Finance: Indian Public Finance statistics

Govt. of India, Ministry of Finance: Raja J. Chaliah Committee Report

Govt. of India, Ministry of Finance: Kelkar Committee Report

RBI Bulletins: Various Issues

Economic and Political Weekly: Various Issues

Unit-V

Monetary approach and adjustment in the balance of payments

Regional blocs-multilateralism and world trading system

The Political Economy of imposition of non-tariff barriers

International trade under conditions of imperfect competition in goods market

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Theory of International reserves
Optimum Currency Areas-Theory and impact in the developed and developing countries
WTO and its impact on the different sectors of the economy

REQUIRED READINGS

Krugman, P.A. and Obstfeld, M. : International Economics : Theory and Policy, 6/e Pearson Education, 2003 (Herein after referred as text), Ch.2,3,4
Chacholiades, M : International Economics, 1990, Chs. 4,5
Joshi, V. and Little, I.M.D : India's Economic Reforms 1991-2000, OUP, 1998
Verma, M.L.: International Trade, Vikas Publishing House Pvt. Ltd., New Delhi, 1995
RBI Bulletin : Various Issues
Economic and Political Weekly: Various Issues, Bombay.

Unit-VI

Components of money supply
Role, constituents and functions of money and capital markets
RBI-recent monetary and credit policies
Commercial banks and co-operatives banks
Specialized financial and investment institutions
Non-Bank financial institutions and Regional Rural Banks

REQUIRED READINGS:

Dernburg Thomas F. Macroeconomics, vii ed. McGraw-Hill Book Company,
Dudley Dillard, the Economics of John Maynard Keynes, Vikas Publishing House,
Gupta G.S: Macro Economics
Gurley J.and E.S: Money in a Theory of finance, Washington, Brooking Institution.
Gold smith –R.W- Financial institutions, Random house.

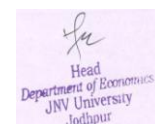
Unit-VII

Industrial structure and economic growth
Pattern of industrialization-Public and Private; large and small industries
Theories of Industrial location-Indian experience
Industrial productivity-measurement, partial and total trends
Industrial Finance in India
Industrial Labour-Problems, policies and reforms in India
Economic Reforms and industrial growth

REQUIRED READINGS

P.D. Ojha : Putting Teeth into the Monopolies Act in Economic and Political Weekly, July 1971(Special No.) and other articles by the same author in EPW, Jan. 1969(Annual No and 28th Feb. 1970.

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Government of India: Report of the Industrial Licencing Policy
Enquiry - Committee (Dutt Committee) July, 1969
Government of India: Industrial Planning and Licencing Policy (Final Report R.K. Hazari, 1967, Role of Small Enterprise in Indian Economic Development
Government of India: Report of Steel Control Committee (K.N.Raj.), Krishana Swami, Oct., 1966
Y.K. Alagh : Regional Distribution of Industry in Economics and K.K. Subrahmanyam : Economic and Political Weekly, April 10, 1971
Jail Ahmed : Import Substitution Change in Indian Manufacturing Industries, 1965-66 (Mimeographed), Harvard Research Centre

Unit-VIII

Population and Economic development- interrelation between populations,
Development and environment, sustainable development
Malthusian theory of population, Optimum theory of population, theory of demographic transition, population as 'Limits to Growth' and as 'Ultimate Source'
Poverty in India – Absolute and relative; analysis of poverty in India
Environment as necessity – amenity and public goods; causes of environmental and ecosystem degeneration- policies for controlling pollution – Relation between population, poverty and environmental degradation- Role of State in environmental preservation

REQUIRED READINGS

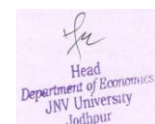
Environmental economics (Theory, Management & policy) – M.L. Jhingan & Chander K. Sharma
Environmental studies – Dr. N.M. Awasthi & P.R. Pande
Demography: M.L. Jingan, B.K. Bhatt & Desai, Vrinda Publication
जननाकि के मुल तत्व : शिव नारायण गुप्ता, वृन्दा पब्लिकेशन

Unit-IX

Role of Agriculture in Indian Economy-Share of Agriculture, interrelationship between agriculture and industry
Institutional aspects – Land reforms, Green revolution
Technological aspects – Agricultural inputs and shifts in production function
Capital formation in the rural sector- Savings, assets and credits
Strategies for rural development
Regional disparities in Indian agriculture
Cooperative movement in India – Organization, structure and development of different types of cooperatives in India

REQUIRED READINGS;

[Type text]



Ahuja, Astha(2006):Agriculture and Rural Development in India. New Century Publications, New Delhi – 110002.
John, W.Mellor : The Economics of Agricultural Development
Choen : Economics of Agriculture.
Gulati, A and T. Kelly (1999) Trade Liberalisation and Indian agriculture, Oxford University Press, New Delhi.
Kahlo, A.S. and Tyagi D.S.(12983): Agricultural Price Policy in India, Allied Publishers, New Delhi
N.L. Aggarwal(2003): Bhartiya Krishi Ka Arth Tantra, Rajasthan Hindi Granth Academy , Jaipur (Hindi)

Unit-X

Application of Differential and Integral Calculus in theories of consumer behavior
Production and pricing under Perfect competition and simple monopoly
Input-output analysis and linear programming
Application of Correlation and Regression
Testing of Hypothesis in Regression Analysis

REQUIRED READING

Mood, Graybill and Boes : Introduction to the theory of Statistics (3rd ed.)
Henderson and Quandt : Micro Economic Theory. 3rd ed.
Samuelson. P.A. : Foundation of Economic Analysis
Hicks,J.R. : Value and Capital (Mathematical Appendix)
Dorfman, Samuelson and Solw : Linear Programming and Economic Analysis
Gupta S.P :Fundamental of statistics

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