KANNUR UNIVERSITY

M.A. Economics/Development Economics/Applied Economics Programme under Credit Based Semester System in affiliated Colleges- Revised Scheme, Syllabi &Model Question Papers- Implemented with effect from 2014 admission- Orders issued.

ACADEMIC BRANCH

U.O.No.Acad/C1/3505 /2014   Dated, Civil Station. P.O. 1 - 7 - 2014

Read : 1. U.O.No.Acad C1/11460/2013 dated 12-03-2014.
          2.Minutes of the meeting of the Board of Studies in Economics (PG) held on 06-12-2013
          3. Minutes of the meeting of the Faculty of Humanities held on 27-03-2014
          4.Letter dated 26-03-2014 from the Chairman, Board of Studies in Economics (PG)

ORDER

1.   As per the paper read (1) above, the Revised Regulation for P.G. Programmes under Credit Based Semester System (CBSS) have been implemented in this University w.e.f 2014 admission.

2.   The Board of Studies in Economics PG vide paper read (2) above, finalized the Scheme Syllabi and Model Question Papers for MA Economics/Development Economics/Applied Economics under Credit Based Semester System with effect from 2014 admission.

3.   As per the paper read (3) above the meeting of Faculty of Humanities approved the Scheme, Syllabi and Model question papers for M.A. Economics/Development Economics/Applied Economics Programmes w.e.f.2014 admission.

4.   The Chairman , Board of Studies in Economics (PG) as per letter cited (4) has forwarded the Scheme, Syllabi and Model Question Papers for M.A Economics / Development Economics/ Applied Economics Programmes for implementation with effect from 2014 admission.

5.   The Vice Chancellor after considering the matter in detail and in exercise of the powers of Academic Council conferred under section 11 (1) of Kannur University Act 1996 and all other enabling provisions read together with has accorded sanction to implement Scheme, Syllabi and Model Question Papers for M.A Economics/ Development Economics/ Applied Economics Programmes under Credit Based Semester System(CBSS) with effect from 2014 admission subject to report Academic Council.

6.   Orders are, therefore, issued accordingly.

7.   The Implemented Scheme, Syllabi and Model Question Papers are appended.

Sd/-
REGISTRAR

To

The Principals of Colleges offering M.A. Economics/ Dev. Economics/Applied Economics

(PTO)

Copy To:

1. The Examination Branch (through PA to CE)
2. PS to VC
3. PA to Registrar
4. PA to CE
5. PA to FO
6. DR (Acad)
7. AR I (Acad)
8. Chairman, BOS in Economics (PG)
9. SF/DF/FC

Approved for Issue

Section Officer

*For more details;log on www.kannur university.ac.in

KANNUR UNIVERSITY

M.A APPLIED ECONOMICS-2014

CONTENTS:

CREDIT AND MARK PATTERN

LIST OF CORE AND ELECTIVES

PATTERN OF QUESTION PAPER

SYLLABUS

MODEL QUESTION PAPER

Credit and Mark distribution for

M. A APPLIED ECONOMICS

Semester	Course Code	Title of Course	Marks			Credit	Contact hours
			Internal	External	Total		
I	ECO1C01	Micro Economic Theory-1	15	60	75	4	7
	ECO1C02	Macro Economic Theory-1	15	60	75	4	6
	ECO1C03	Quantitative Techniques for Economic Analysis	15	60	75	4	6
	ECO1C04	Development Issues of Indian Economy(with special reference to Kerala)-1	15	60	75	4	6
	Total				**300**	**16**	**25**
II	ECO2C05	Micro Economic Theory-II	15	60	75	4	5
	ECO2C06	Macro Economic Theory-II	15	60	75	4	5
	ECO2C07	Development Issues of Indian Economy(with special reference to Kerala)-II	15	60	75	4	4
	ECO2C08	Public Economics-I	15	60	75	4	5
	ECO2C09	Basic Econometrics	15	60	75	4	6
	Total				**375**	**20**	**25**
III	ECO3C10	Public Economics-II	15	60	75	4	5
	ECO3C11	International Economics-I	15	60	75	4	5
	ECO3C12	Environmental Economics	15	60	75	4	5
	ECO3C13	Mathematical Economics	15	60	75	4	5
	ECO3E01	Elective I	15	60	75	4	5
	Total				**375**	**20**	**25**
IV	ECO4C14	International Economics-II	15	60	75	4	5
	ECO4C15	Operations Research for Economic Analysis	15	60	75	4	5
	ECO4E02	Elective II	15	60	75	4	5
	ECO4E03	Elective III	15	60	75	4	5
	ECO4Pr	Project	20	80	100	6	5
	ECO4C16	Viva-voce	-	50	50	2	
	Total		**290**	**1210**	**450**	**24**	**25**
Grand Total					**1500**	**80**	**100**

1. Ackley G, Macro Economics; Theory and Policy, Macmillan, New York, 1978
2. Andrew B. Paul and Ben S Bernanke, Macro Economics, Pearson Education, New Delhi
3. Eugene Diulio, Theory and Problems of Macro Economics, Schaum's Outline Series, Mc Graw Hill Publishing Company, Singapore
4. Keynes, J. M, General Theory of Employment, Interest and Money, Macmillan, London, 1961
5. Mankiw N. G, Macro Economics
6. Richard T Froyen, Macro Economics; Theory and Policy, Macmillan Publishing Co., New York, 1990
7. Rosalind Levasic and Alexander Rebmann, Macro Economics: An Introduction to Keynesian-Neoclassical Controversies, The Macmillan Press Ltd, London
8. Rudiger Dornbusch, Stanley Fischer and Richard Startz, Macro Economics, Tata Mc Graw Hill Publishing Company Ltd, New Delhi New Delhi, 1998
9. Snowdown B, H.R Vane and F. Wynarczyk, A Modern Guide to Macro Economics: An introduction to competing schools of thought
10. Y. P. Venieries and F. D. Sebold, Macro Economic Models and Policy

ECO1C03
QUANTITATIVE TECHNIQUES FOR ECONOMIC ANALYSIS

Module 1   Definition, Types of matrices – Operations of matrices – Determinants – properties of determinants – Minors and Co factors – Ad joint of a matrix – Inverse of a matrix – Rank of a matrix – Solution of a system of linear equations using matrices – Cramer's rule – characteristic equations – characteristic roots – Applications in economics.

Module-2   Concept – Permutations, Combinations, Definition- classical, empirical, axiomatic approaches – Addition and multiplication laws, conditional probability –Bay's theorem, Random variables – Probability functions – Mathematical expectation – moments –Discrete Probability Distributions-Binomial , Poisson,– simple applications.– Continuous Probability Distributions - Normal - Lognormal - Pareto Distribution - Properties and applications.

Module-3 Population and Sample : Random Sampling - Parameter and Statistic - - Sampling Distribution and Standard Error – Sampling Distribution of Mean, Students t Distribution, Chi Square Distribution, F Distribution. Central Limit Theorem, Large Sample Distribution of Sample Mean and Sample proportions.

Module-4 Theory of estimation: Point estimation - Basic concepts - Unbiasedness, consistency, efficiency and sufficiency - Interval estimation - Basic concepts - Confidence interval for mean, difference of means based on large and small samples. Confidence Interval for proportions, Difference of proportions.

Module-5 Tests of hypothesis : Basic concepts - Simple and Composite hypothesis -Null and alternative hypothesis - Two types of errors –Level of significance, Critical region,   Tests concerning means of large and small samples - Tests for difference between means based on large and small samples – Tests concerning proportions, F test and One Way Anova, Chi Square Tests of Goodness of fit and independence of attributes.

Module-6   Research methodology: Meaning of research - objectives - Types of research – Research methods Vs. methodology - Research and scientific methods - Research process – Defining research problems - Selection of research problem - Research design - Need for and feature of good research design.

Note: Sixth Module is not for written examination, but for equipping the students for dissertation work.

References:

1. Taro Yamane, Statistics : An introductory Analysis, Harper and Ross Editions 3, 1973, Prentice Hail of India, New Delhi

2. Murray S. Speigel, Statistics, Schaum Series

3. Murray S. Speigel, Probability, Schaum Series

4. C.R Khothari, Research Methodology - Methods and Techniques, Wiley Eastern Limited.

5. Alpha C Chiang. Fundamental Methods of Mathematical Economics, Me Graw Hill, 19

6. Srinath Baruah- Basic Mathematics and its applications in Economics (2001) Mac Million India (P)Ltd.

7. S.P. Gupta Statistical Methods, Sultan Chand New Delhi

8. Hooda R. P. Statistics for Business Economics, Mac Millan, New Delhi.

ECO1C04
DEVELOPMENT ISSUES OF INDIAN ECONOMY
(WITH SPECIAL REFERENCE TO KERALA)-1

Module-1

Structural aspects

Structural changes in Indian economy- Role of agriculture, industry and service sectors- Debate on market Vs planned economy- Pre and post reform period performances- Growth rates, productivity and modernization of technology- second generation reforms- Role of good governance for institutional changes.

Module –II

Developmental Issues

Extent of poverty – methodological debates- recent committee reports- Tendulkar, Saxena, Hashim and Rangarajan - Poverty Gap Index- Squared Poverty Gap Index- Evaluation of poverty eradication measures after 1991

Measurement of unemployment in India- Key NSSO concepts- magnitude of unemployment- inter-state and inter-gender analysis- Trends in unemployment after 1991- Growth-employment relationship- Informalisation of labour

Inequality- status of trickling down after reforms- attempts towards inclusive growth- Right based approaches in employment, education and food.

Module III

Demographic profile

Population and demographic indicators- overview of Census data 1951-2011- Birth, Death and mortality rates- International comparison- Demographic Dividend- Human resource

Module-4

1. Sudipto Mundle and Govind Rao.M. Issues in Fiscal Policy in the Indian Economy (ed) by Bimal Jalan.
2. Barman k(1986) ,public debt management in India ,uppal publishing house new Delhi
3. Dwivedi. D.N. : Readings in Indian Public Finance, Ch. 2-3.
4. Standford C. T., The Economics of Public Finance, Pergamon Press, Oxford–Ch.11&12.

Module-5

1. Musgrave & Musgrave, Ch.12-17.
2. Chelliah. R.J. and Associates (NIPFP) Trends & Issues in Indian Federal Finance, chapter, 2-4.
3. Govind Rao. : Indian Fiscal federalism, major issues in Public Finance (ed) by Sudipto Mundle, 1997.
4. Gulathi. I.S. and George. K.K : Essays in federal Financial Relations, Oxford 1611,1988.
5. David Novick, Programme Budgeting, Programme Analysis and the Federal Government, Harvard University Press.
6. Reports of Finance Commission.
7. Reports of State Finance Commission.
8. L J Ahluwalia and IMD little Indias economic reforms and development (Ed) oxford university press new Delhi – 1998

ECO2C09
BASIC ECONOMETRICS

UNIT –I

Meaning, definition and scope of econometrics – types and methodology of econometrics – importance of stochastic assumptions – random variables- functions of random variables.

UNIT -II

Simple linear regression model - Methods of ordinary least squares – assumptions and properties of OLS estimators –Standard errors of least square estimates - test of significance of the parameter estimates – measure of goodness of fit. Regression analysis and analysis of variance - Functional forms of Regression model - the assumptions of randomness of u – the probability distribution of disturbances 'u' – Properties of OLS estimator under the normality assumption.

UNIT-III

Nature of the problem of auto correlation – consequences of auto correlation – Tests and solutions for the case of auto correlation – methods for estimating the auto correlation parameters. Assumption of Non-Multicollinear Regressors – Plausibility of the assumption – Tests for detecting Multicollinearity – Remedial measures. Practical consequences of Multicollinearity – Identification and Multicollinearity. Nature of Heteroscedasticity- OLS estimation in the presence of Heteroscedasticity - Method of Generalised Least Squares (GLS) - Consequences of using OLS in the presence of Heteroscedasticity - Remedial measures.

UNIT – IV

Simultaneous equation models: The Nature of Simultaneous equation models – Simultaneous equation bias – Identification Problem – Rules of Identification – Test of Simultaneity – Test for Erogeneity - Recursive models – ILS – 2SLS.

UNIT -V

Nature of forecasting – econometric approach to forecasting – policy evaluation using an econometric model. Forecasting with a single –equation linear regression model. Testing the difference between a single prediction and realization.

References:

1. William H. Greene "Econometric Analysis," Pearson Education.

2. A.Koutsoyiannis, "Theory of Econometrics: An Introductory Exposition of Econometric Methods", Educational Low-Priced Books Scheme, McMillan Education Ltd.,(1992)..ls2

3. Damodar Gujarathi "Basic Econometrics", Tata MCGraw Hill Ltd,1999.4th ed.

ECO3C10
PUBLIC ECONOMICS -II

Module-1

Changing dimension of public finance – role of government in national economy (allocation ,distribution and stabilization function) - theory of optimal distribution – approaches to distributive justice.

Module-2

Taxation – introduction -features of tax - canons of taxation - types -taxable capacity-tax buoyancy – chelliah committee report -kelkar committee report first and second -recent trends in DTC – incidence of major taxes in India -economic reforms of direct and indirect tax in India -

Module-3

Trends of public expenditure in India – trends in receipts -controlling methods of public expenditure -role of public expenditure in UDC -ERC -major recommendation of expenditure reform commission -issues of subsidies in India and black money

Module-4

Budget : Canons of budget – performance ,programme and zero based budget -difference between classical and modern theories of budget- balanced budget and fiscal policy -budget deficit -highlights of the current year budget

Module-5

Fiscal Federalism: Division of powers and functions – central-state financial relations in India – vertical and horizontal imbalance in inter-governmental transfer in India – modified Gadgil and Pranab mukhrjee Formula – finance commission -local finance – FRBM act

References:

Module-1