M.Sc. Honrs Five years

SCHEME OF COURSE AS REVISED ON 12/JULY/2011

(T = Theory Course, IA=Internal Assessment, P = Practical Course)

Semester – 1(July-December)

Cours	Nomenclature of the	Total N	Total Marks			Periods per week	
e No.	paper	T	IA	Р	Т	P	
101E	Micro-economics-1	80	20		6		
102E	Macro economics-1	80	20		6		
103E	Mathematics for Economists-1	80	20		6		
104E	Fundamentals of Computer-1	50	20	30	3	3	
105E	Communication skills	80	20		6		
Grand Total =500							

Semester – 2(January-June)

Course	Nomenclature of	the	Total Marks			Periods per week	
No.	paper		T	IA	Р	Т	Р
201-E	Micro-economics-II		80	20		6	
202-E	Macro-economics-II		80	20		6	
203-E	Mathematics Economists-II	for	80	20		6	
204-E	Fundamentals computer-II	of	50	20	30	3	3
205-E	Basic Accounting economists	for	80	20		6	
Grand Total =500						al =500	

SYLLABI

(Semester-1)

101-E Micro-economics-I

External Marks: 80

Internal Marks: 20

Time: 3 hours

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions selecting one from each unit. All questions carry equal marks

Unit-I Introduction: Definition & nature of economics; Basic

Problems of an economy

Fundamental economic Principles: Incremental principle,

Marginal Principle, Opportunity cost principle, Time

Value of Money

Unit-II Consumer Behaviour-law of equi-marginal

utility; Indifference Curve analysis, Consumer Equilibrium,

Revealed Preference, Law of Demand, Elasticity of

Demand

Unit-III Theory of Production-cost& revenue concepts, law of

Supply& elasticity of supply; Isoquants &least-cost

Combination. Laws of returns& economies of scale

Unit-IV Markets-firm's equilibrium in Perfect competition,

Monopoly, Monopolistic Competition

Suggested Readings

Henderson J.and Quandt R.E(1980):Micro-economic Theory: A Mathematical Approach;McGraw-Hill, New Delhi.

Koutsoyiannis A.(1990): Modern Microeconomics, Macmillan.

Batch G.L.(1977): Economics Prentice Hall of India, New Delhi.

Heathfield&Wibe(1987):An Introduction to Cost&Production

Functions; Macmillan, London.

Samuelson P.A, and Nordham, W.D(1998): Economics, Tata-McGraw Hill, New Delhi.

102-E Macro-economics-I

External Marks: 80

Internal Marks: 20

Time: 3 hours

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions selecting one from each unit. All questions carry equal marks

Unit-I Nature and scope of macroeconomics:— Introduction to Macroeconomic data—circular flow of income- definitions of gross domestic product, gross and net national product, national and personal income, methods of national income accounting.

Unit-II Theories of Employment:, Classical Theory of Employment, Say's Law of Markets, Keynesian Theory of Employment.

Unit-III Consumption function: psychological law of consumption; Absolute income hypothesis, Life cycle hypothesis and Permanent income hypothesis

Unit-IV Investment-types, determinants of Investment; MEC and Rate and Rate of Interest and the concept of Multiplier – Accelerator – Applicability of the Keynesian theory to the developing countries.

Suggested Readings

Samuelson P.A, and Nordham, W.D(1998): Economics, Tata-McGraw Hill, New Delhi

Karl E. Case, Ray C. Fair: Principles of Macroeconomics, Publisher: Prentice Hall

Edward Shapiro: Macroeconomic Analysis

Gardner Ackley : Macroeconomic Theory

Rana&Verma: Macro-economics Analysis

Mankiw N.G: Macroeconomics (Worth Publishers), 5th Edition, 2. Dornbusch,

Fisher and Startz: Macroeconomics (Tata McGraw-Hill), 9th Edition.

Bernanke and Abel: Macroeconomics, 4th Edition

Blanchard: Macroeconomics (Pearson Education), 4th Edition.

103-E Mathematics for Economists-I

External Marks: 80

Internal Marks: 20

Time: 3 hours

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions selecting one from each unit. All questions carry equal marks

Unit-I Conecpts of set,set operations, Matrices- types, addition, multiplication of Matrices, Inverse of matrix, applications of sets&matrices in economics

Unit-II Functions&limits&continuity.Differentiation,simple derivatives&their economic applications

Unit-III Partial&total derivatives,economic applications;Maxima&minima of functions,economic application of unconstrained&constrained maxima&

Minima

Unit-IV Linear Programming, Input-output analysis, Game Theory

Suggested Readings

AC Chaing,K Wainwright: Fundamental Methods of mathematical economics,McGraw-Hill Publishing co.

Sydsaeter K,Hammond.P.J(2002): Mathematics for economic analysis,Pearson Education Asia,Delhi

Henderson J.and Quandt R.E(1980): Micro-economic Theory: A Mathematical Approach; McGraw-Hill, New Delhi

Jain TR,Aggarwal SC,Rana,RK: Basic Mathematics for Economists,VK Publications,Delhi

104-E Fundamentals of Computers-I

External Marks: 50(Theory)

External Marks: 30 (Practical)

Internal Marks: 20

Time: 3 hours (for theory and practical each)

Note:Paper-setter will set Nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain five short answer type Questions. Students are required to attempt four Questions from the remaining eight questions. All questions carry equal marks

Fundamentals of Computer:Model of a digital computer, functioning of a digital computer, Historical evolution of computers, classification of computers, Human being vs computer, Input/Output devices. Storage devices, types of software, Application and system software and its functions, time-sharing, multiprocessing, application of computers in commerce, marketing, education and management.

Introduction to Windows: Type of windows, windows as an operating systems, windows explorer, using clipboard, using paintbrush, control panel, installing a printer.

Suggested Readings

Dixit J.B: Computer Fundamentals by P.K. Sinha. B.P.B. publications, New Delhi Kush, Ashwani and Bharat Bhushan: Basics of Computer, Luxmi Publications, Rohtak

105-E Communication Skills

External Marks: 80

Internal Marks: 20

Time: 3 hours

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions. All questions carry equal marks

Unit-I

Introduction-Business Communication:Basic Forms of communicating,Communication models&processes,Effective communication,Theories of Communication;Audience Analysis

Unit-II

Self-development&communication:development of positive personal attitudes,SWOT analysis:Votes Model of independence;Whole communication;Body Language:kinesics,Proxemics,Para-language.Effective listening:Principles of effective listening;Factors affecting listening;Exercise-oral,written&video sessions Unitr-III

Corporate communication:formal&informal communication network,Business miscommunication(barriers),Improving communication,Practices in business communication;Group discussions;Mock Interviews;Seminars;Effective listening exercises;Individual&group presentation;Report writing&its contents

Unit-IV

Modern Forms of communication:e-mail,Fax,sms,Video-conferencing

Suggested Readings

- (1) Bovee&Thill:Business communication Today, Tata-McGraw Hill, New Delhi
- (2) Ronald E.Dulek and John S Fielder:Principles of Business Communication;McMillan Publishing company,London
- (3) Randall E. Magors:Business Communication; Harper&Row, New York
- (4) Webster Guide to Effective Letter-writing, Harper&Row, New York

SYLLABI

(Semester-2)

201-E **Micro-economics-II** External Marks: 80

Internal Marks: 20

Time: 3 hours

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions selecting one from each unit. All questions carry equal marks

Unit-I	Theory of Factor Pricing-Marginal Productivity theory,					
	Modern theory, Rent	wage,profit&interest				
Unit-II	Goals of the firm-Baumol, Marris & Williamson's Model					
Unit-III	Forms of Imperfect competition:Duopoly-Cournot's					
	Model,Oligopoly- Co	ollusive&non-collusive:				
	Reaction curves, Kin	ked Demand Model,The	eory of ga	mes		
	model,Cartels					
Unit-IV	Input					
	Output analysis, Theo	ry of Games,Cobweb m	odel			
Suggeste	ed Readings					
(1)Hende	erson J.and Quandt	R.E(1980):Micro-econo	omic The	eory:A Mathematical		
Approacl	h;McGraw-Hill,New Г	Delhi				
(2)Kouts	oyiannis A.(1990): Mo	odern Microeconomics,I	Macmillar	1		
(3)Batch	G.L.(1977) :Economic	es Prentice Hall of India	,New Del	lhi		
(4)Heath	field&Wibe(1987):An	Introduction	to	Cost&Production		
Function	s;Macmillan,London					
Samuelso	on P.A,and Nordham,V	W.D(1998):Economics,	Гata-МcG	raw Hill,New Delhi		
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202-Е

Macro-economics-II

External Marks: 80

Internal Marks: 20

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions selecting one from each unit. All questions carry equal marks

Unit-I Aggregate demand, aggregate supply and the price level: the aggregate demand curve; short and long run aggregate supply curves; the aggregate demand-aggregate supply model and its applications to the determination of the price level and real income, and demand management policy; the neo-classical (Solow) growth model.

Unit-II Fluctuations in Value of money:Inflation-Concept,types-Demand pull,and Cost-push,Measurement of Inflation(price-index),Philips Curve,Policy-measures;Deflation-nature,causes,and policy-measures

Unit-III Rate of Interest:Classical,Keynesian and IS-LM Analysis, IS – LM Model :commodity market equilibrium and the IS curve, money market equilibrium and the LM curve,macroeconomic equilibrium and the adjustment process: Monetary&Fiscal Policy co-ordination

Unit-IV Trade Cycles-nature, characeristics and theories of trade cycles-Hicks, Samuelson and Kaldor; Policy-measures

Suggested Readings

Samuelson P.A,and Nordham, W.D(1998): Economics, Tata-McGraw Hill, New Delhi Karl E. Case, Ray C. Fair: Principles of Macroeconomics, Publisher: Prentice Hall Edward Shapiro: Macroeconomic Analysis

Gardner Ackley: Macroeconomic Theory

Soumen Sikdar: Principles of Macroeconomics (Oxford university Press), 1st Edition

Rana&Verma: Macro-economics Analysis

RD Gupta: Keynes&Post-Keynes

203-E Mathematics for Economists-II

External Marks: 80

Internal Marks: 20

Time: 3 hours

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions selecting one from each unit. All questions carry equal marks

Unit-I Analytical geometry-Equation of straight line, circle, conic sections; Economic applications

Unit-II Series&sequences:Arithmetic,Geometric,Harmonic progressions,Convergence.Economic applications

Unit-III Integration-rules of integration, by parts, and by substitution, by partial fractions, integration of logarithmic & exponential functions, evaluation of areas, Economic applications

Unit-IV Differential equations-solution; homogeneous & non-homogeneous differential equations, Exact differential equation, Economic applications

Difference equations-Solution, general & particular; Homogeneous & General linear difference equations with constant co-efficients, economic applications

Suggested Readings

AC Chaing,K Wainwright: Fundamental Methods of mathematical economics,McGraw-Hill Publishing co.

Sydsaeter K,Hammond.P.J(2002): Mathematics for economic analysis,Pearson Education Asia,Delhi

Henderson J.and Quandt R.E(1980): Micro-economic Theory: A Mathematical Approach; McGraw-Hill, New Delhi

Jain TR,Aggarwal SC,Rana,RK: Basic Mathematics for Economists,VK Publications,Delhi

204-E Fundamentals of Computers-II

External Marks: 50(Theory)

External Marks: 30(Practicals)

Internal Marks:20

Time: 3 hours (For theory and practical each)

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain five short answer type Questions. Students are required to attempt four Questions from the remaining eight questions. All questions carry equal marks

MS-Word :Fundamentals of MS-Word, Menus, toolbars, ruler, scroll bar, creating, editing, saving, importing and inserting files, working with frames, columns, pictures, tables macros.

MS-Excel: Worksheet overview: Rows, Columns, cell, menus creating worksheet, opening and saving worksheets, formatting, printing, establishing

worksheet links, tables creating and printing graphs. Macros. Using built –infunctions

Suggested Readings.

Kush, Ashwani and Bharat Bhushan: Basics of Computer, Luxmi Publications, Rohtak

Dixit J.B: Computer Fundamentals by P.K. Sinha. B.P.B. publications, New Delhi

PRACTICAL

Time: 3 Hours

MS-Word

MS -Excel

Windows

Syllabus 205-E **Basic Accounting for Economists**

External Marks: 80

Internal Marks: 20

Time: 3 hours

Note: Paper-setter will set nine questions in all. Question no. one will be compulsory which will be from the entire syllabus. It will contain eight short answer type Questions. Students are required to attempt four Questions from the remaining eight questions selecting one from each unit. All questions carry equal marks

Unit-I Introduction:Financial accounting&book-keeping,definition,scope,nature and significance; Accounting concepts&conventions,Double-entry system

Unit-II Journal&ledger,subsidiary books-cash,sale,purchase,return inward,return outward,bills receivable&payable,journal proper,Inventory valuation

Unit-III Trial balance&errors,rectification of errors,Bank reconciliation statement,Negotiable instruments

Unit-IV Preparation of Final accounts, Preparation of trading and profit&loss account, Balance-sheet of sole proprietory business; Raising of capital by a commercial company-Issue of shares

Suggested Readings

Patti,VP:Fundamentals of Accounting,Excel Books,New Delhi
Tulsian,PC: Fundamentals of Accounting,Tata-McGraw-Hill,New Delhi
TP Ghosh:Fundamentals of Accounting:Sultan Chand&sons,New Delhi
Maheshwari,SN,Maheshwari,SK:Fundamentals of Accounting,Vikas Publishing house.