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Syllabus for FYBA/ FYBSc

Program: BA (Economics)

Course: Microeconomics-I

(FYBA- RUAECO101/ FYBSc- RUSECO101)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER I

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO101 RUSECO101		Microeconomics-I Microeconomics-I	4 3	4 3
	I	Ten Principles of Economics and Economic Methods	1	
	II	Consumer Behavior and Demand	1	
	III	Consumer Behavior and Individual Demand	1	
	IV	Theory of Revealed Preference, Market Demand and elasticities	1	

Course Code: (FYBA- RUAECO101/ FYBSc- RUSECO101)
Course Title: MICROECONOMICS- I
Academic year 2019-20

Learning Objectives:

1. To introduce the students to elementary concepts in microeconomics
2. To provide an understanding into functioning of the supply side and market structures prevailing in an economy

Learning Outcomes:

1. The student should be able to use these concepts to understand the relevance of microeconomics to the real world.
2. The student should be able to build on these concepts in the future to develop deeper understanding of the Economy.

Detailed Syllabus

SEMESTER I		
Course Code	**Title**	**Credits**
RUAECO101	**Microeconomics- I**	**4**
RUSECO101	**Microeconomics- I**	**3**
Unit I	**Ten Principles of Economics and Economic Methods**	**1**
	A) Trade-offs faced by the individuals, Significance of opportunity cost in decision making, Thinking at the Margin, Responses to incentives, Benefits from Exchange, Organization of Economic activities through Markets and its Benefits, Role of Government in improving Market Outcomes, Dependence of Standard of Living on Production, Growth in Quantity of Money and Inflation, Inflation and Unemployment Trade-off. (To be explained with simple examples.) B) Positive Economics and Normative economics, Basics of graphs (graph of single variable, graph of two variables, curves in the co-ordinate system, slope- cause and effect), Concepts of Function & Derivative. Concept of equilibrium Measures of Dispersion, Correlation, Linear Regression	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit II	**Consumer Behavior and Demand**	**1**
	Utility Analysis: TU, MU, Cardinal, Ordinal Utility, Estimation of utility function Consumer's Tastes: Indifference Curves Characteristics of Indifference curves, MRS. Some special types of Indifference curves	**15 Lectures (FYBA)** **12 Lectures (FYBSc)**

	The Consumer's income and price constraints, Consumer's choice	
Unit III	**Consumer Behavior and Individual Demand**	**1**
	Changes in Income-ICC - Engel's curve, Changes in Price, Price effect, Substitution effect, Income effect	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit IV	**Theory of Revealed Preference, Market Demand and elasticities**	**1**
	Theory of Revealed Preferences Market demand for a commodity, Price elasticity of market demand, Income elasticity of demand, cross elasticity of demand	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**

References:

1. Varian, Hal (2010) Intermediate Microeconomics: A Modern Approach, W. W. Norton & Company, New York, Eighth Edition
2. Mankiw, Gregory N (2015) Principles of Economics, Cengage Learning, Seventh Edition
3. Salvatore, Dominick (2006) Microeconomics: Theory and Applications, Oxford University Press, Fourth Edition

MODALITY OF ASSESSMENT

Theory Examination Pattern:

A) Internal Assessment - 40% : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

i.   Duration - These examinations shall be of **2 hours** duration.

ii.   Paper Pattern:

1. There shall be **four** questions each of **15** marks. On each unit there will be one question

2. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

verall Examination and Marks Distribution Pattern

Semester II

Course	101			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

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Syllabus for FYBA/FYBSc

Program: BA (Economics)

Course: Microeconomics-II

(FYBA- RUAECO201/ FYBSc- RUSECO201)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER II

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO201 RUSECO201		Microeconomics-II Microeconomics-II	4 3	4 3
	I	Production & Costs	1	
	II	Price, output Determination & Profit Maximisation- I	1	
	III	Oligopoly	1	
	IV	Distribution Theory & Factor Pricing	1	

Course Code: (FYBA- RUAECO201/ FYBSc- RUSECO201)
Course Title: MICROECONOMICS- III
Academic year 2019-20

Learning Objectives:

3. To introduce the students to elementary concepts in microeconomics
4. To provide an understanding into functioning of the supply side and market structures prevailing in an economy

Learning Outcomes:

3. The student should be able to use these concepts to understand the relevance of microeconomics to the real world.
4. The student should be able to build on these concepts in the future to develop deeper understanding of the Economy.

Detailed Syllabus

SEMESTER II		
Course Code	**Title**	**Credits**
RUAECO201	**Microeconomics- II**	**4**
RUSECO201	**Microeconomics- II**	**3**
Unit I	**Production & Costs**	**1**
	Production function- fixed & variable proportions, Production with one variable input, with two variable inputs- isoquants, Derivation of total product curve, Returns to scale Costs in short run & long run, Expansion path & cost curves	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit II	**Price, output Determination & Profit Maximisation- I**	**1**
	Perfect Competition- Total approach & Marginal approach to profit maximization, Short- run supply curve and Equilibrium of a firm, Long- run supply curve and Equilibrium of a firm & industry, Producer's Surplus Pure Monopoly- Sources of Monopoly, Short- run Equilibrium price & output, Long- run Equilibrium of price & output, Price Discrimination, Dumping	**15 Lectures (FYBA)** **12 Lectures (FYBSc)**
Unit III	**Price, output Determination & Profit Maximisation- II**	**1**
	Monopolistic Competition- many sellers of a differentiated product, Price & output decisions under Monopolistic Competition, Product variation & selling expenses Oligopoly- interdependence among a few producers, Cournot Model (Interdependence), Kinked Demand Curve Model (Interdependence not recognized), Cartels, Price Leadership	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**

Unit IV	Distribution Theory, & Factor Pricing	1
	Distribution Theory, Pricing & Employment of an input- market demand and supply determination, Marginal Productivity Theory, Monopsony pricing & employment of inputs Pricing methods- Cost-plus pricing, Mark-up pricing, Limit pricing, Peak- load pricing	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**

References:

4. Varian, Hal (2010) Intermediate Microeconomics: A Modern Approach, W. W. Norton & Company, New York, Eighth Edition
5. Mankiw, Gregory N (2015) Principles of Economics, Cengage Learning, Seventh Edition
6. Salvatore, Dominick (2006) Microeconomics: Theory and Applications, Oxford University Press, Fourth Edition

MODALITY OF ASSESSMENT

Theory Examination Pattern:

B) Internal Assessment - 40% : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

iii.   Duration - These examinations shall be of **2 hours** duration.

iv.   Paper Pattern:

   3.   There shall be **four** questions each of **15** marks. On each unit there will be one question

   4.   All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester II

Course	201			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

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Syllabus for SYBA

Program: BA (Economics)

Course: Economics- II

(Indian Economy: Contemporary Concerns (Economic Survey of the Government of India: 2018-19))

(SYBA- RUAECO302)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER III

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO302		Indian Economy: Contemporary Concerns (Economic Survey of the Government of India: 2018-19)	4	4
	I	Overview of Indian Economy (1947-1991)	1	
	II		1	
	III		1	
	IV		1	

Course Code: (SYBA- RUAECO302)

Course Title: ECONOMICS- II

(Indian Economy: Contemporary Concerns (Economic Survey of the Government of India: 2018-19))

Academic year 2019-20

Learning Objectives:

1. To impart knowledge about the contemporary issues related to Indian Economy
2. To develop insight into the functioning of Indian Economy

Learning Outcomes:

After completing this course, a student will be able to

1. Understand functioning of the Indian Economy
2. Understand different policies related to the Indian Economy
3. Understand future trends in the Indian economy.

Detailed Syllabus

SEMESTER III		
Course Code	**Title**	**Credits**
RUAECO302	**Indian Economy: Contemporary Concerns (Economic Survey of the Government of India: 2018-19)**	4
Unit I	**Overview of Indian Economy (1947-1991)**	1
	Colonial Legacy-Mixed Economy-Five Year Plans-Inward looking Policy -Industrial Policy-Green Revolution-Oil Shocks	**15 Lectures**
Unit II	**Module-2**	1
		15 Lectures
Unit III	**Module-3**	1
		15 Lectures
Unit IV	**Module-4**	1
		15 Lectures

References:

1. Economic survey of India, March 2019
2. Tirthankar Roy, The Economic History of India 1857-1947 (3nd edition, 2011), Oxford University Press

MODALITY OF ASSESSMENT

Theory Examination Pattern:

Internal Assessment - 40%   : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

Duration - These examinations shall be of 2 hours duration.

Paper Pattern:

There shall be four questions each of 15 marks. On each unit there will be one question

All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester III

Course	302			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for SYBA/ FYBSc

Program: BA (Economics)

Course: Macroeconomics- I

(SYBA- RUAECO301/ FYBSc- RUSECO102)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER III (SYBA)

SEMESTER I (FYBSc)

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO301 RUSECO102		Macroeconomics- I Macroeconomics- I	4 3	4 3
	I	National Income & Employment	1	
	II	Goods & Financial Markets (The IS- LM Model)	1	
	III	Money	1	
	IV	Financial Sector	1	

Learning Objectives:

1. To build on the understanding of basic macroeconomic identity
2. To enable the student to understand how interest rate and income level are determined in an economy and how policies may affect these outcomes.

Learning Outcomes:

1. The students will be able to apply the formal macroeconomic principles they learned to real world issues.
2. They will be able to think intuitively about economic problems.

Detailed Syllabus

SEMESTER III (SYBA)/ SEMESTER I (FYBSc)		
Course Code	**Title**	**Credits**
RUAECO301	**Macroeconomics- I**	**4**
RUSECO102	**Macroeconomics- I**	**3**
Unit I	**National Income & Employment**	**1**
	Gross Domestic Product, Three Methods of Computing GDP, Problems of GDP Measurement, National Income Accounting in India, Real vs. Nominal GDP, GDP Deflator, Measurement of Cost of Living	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit II	**Goods & Financial Markets (The IS- LM Model)**	**1**
	Determination of Equilibrium Output- Classical & Keynesian Theory of Employment, Multiplier Demand for money, Determination of interest rates, monetary policy Derivation of IS & LM Curves, Monetary & Fiscal Policy	**15 Lectures (FYBA)** **12 Lectures (FYBSc)**
Unit III	**Money**	**1**
	The Nature of Money, Banks and the Financial System, Money Demand and Money Supply, The Creation of Money: Monetary Policy & Its Limitations, Monetary Policy Regimes, The Case of India (Subramanian, Economic Survey, Joshi, RBI)	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit IV	**Financial Sector**	**1**
	Real & Nominal Interest rates Financial Markets & Institutions, Asset Pricing: Bonds/ Stocks/ Derivatives, How Financial Markets Work, The Link from Financial Markets to the Real Economy, Financial Crises (Minsky)	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**

References:

1. D'souza, Errol, Macroeconomics

2. Blanchard, Oliver; Macroeconomics (4th edition, 9th impression), Pearson education, New Delhi, India.
3. Robert Feenstra & Alan Taylor, International Macroeconomics, Worth Publishers, 2nd ed.

MODALITY OF ASSESSMENT

Theory Examination Pattern:

Internal Assessment - 40%   : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

Duration - These examinations shall be of 2 hours duration.

Paper Pattern:

There shall be four questions each of 15 marks. On each unit there will be one question

All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester III (SYBA)

Semester I (FYBSc)

Course	301 & 102			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

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Syllabus for SYBA
Program: BA (Economics)
Course: Applied Component- INVESTMENT
ANALYSIS- I

(SYBA- RUAACINV301)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER III

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAACINV301		Applied Component- INVESTMENT ANALYSIS- I	4	4
	I	Basics of Investment analysis	1	
	II	Securities Market	1	
	III	Securities Market Analysis	1	
	IV	Basic Accounting	1	

Course Code: (SYBA- RUAACINV301)

Course Title: Applied Component- INVESTMENT ANALYSIS- I

Academic year 2019-20

Learning Objectives:

3.

Learning Outcomes:

Detailed Syllabus

SEMESTER III		
Course Code	**Title**	**Credits**
RUAACINV301	**Applied Component- INVESTMENT ANALYSIS- I**	**4**
Unit I	**Basics of Investment analysis**	**1**
	Objectives of Investor - Characteristics of Investment: risk, return, safety. liquidity. Tax shelter, etc. - Non-marketable financial assets: Deposit') with Banks, Instruments of Post offices, etc. - Marketable financial assets: Money Market Instruments - Bonds or Fixed Income Securities - Equity Shares - Mutual Fund Schemes - Financial Derivatives	**15 Lectures**
Unit II	**Securities Market**	**1**
	Primary Market and its functions - Secondary Market: its functions and Operations - Securities and Exchange Board of India: Objectives, Powers and Functions. Foreign Exchange Markets, Spot Forward Rates, Bond Market and understanding Yields	**15 Lectures**
Unit III	**Securities Market Analysis**	**1**
	Analysis of securities - analysis of market - Valuation - Theoretical Framework – Schematic Presentation of Theory - investment and time value of money -Discounted Cash Flows present value method	**15 Lectures**
Unit IV	**Basic Accounting**	**1**
	Basic Accounting Concepts, Conventions, basic terminologies like asset, liability Flow of Accounting System	

	Balance Sheet Analysis, Revenue Statement Analysis and Cash Flow Analysis	

References:

1. Chandra, Prasanna (2000) Investment Analysis and Portfolio, Management, Tata McGraw-Hill Publishing Company Ltd, New Delhi.
1. Chandra, Prasanna (1993) Finance Sense, Tata McGraw-Hill Publishing Company Ltd, New Delhi.
2. Hirschey, M. (2001), Investment Theory and Applications, Hircourt College Publisher, USA
3. Shalla V. K. (1983), Investment Milnagement, Security Analysis and Portfolio Management, S. Chand, New Delhi.

MODALITY OF ASSESSMENT

Theory Examination Pattern:

Internal Assessment - 40%   : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

   Semester End Theory Assessment - 60 marks

Duration - These examinations shall be of 2 hours duration.

Paper Pattern:

There shall be four questions each of 15 marks. On each unit there will be one question

All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester III

Course	RUAACINV301			Grand Total
	Internal	External	Total	
Theory	40	60	100	**100**

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for SYBA

Program: BA (Economics)

Course: Economics- II

(SYBA- RUAECO402)

**(Global Economy: Contemporary Concerns (World Development
Report 2018))**

**(Credit Based Semester and Grading System with effect from the
academic year 2019–20)**

SEMESTER IV

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO402		Global Economy: Contemporary Concerns (World Development Report 2018)	4	4
	I	Meaning of Development	1	
	II	India as an Emerging Economy	1	
	III	WDR- I	1	
	IV	WDR- II	1	

Course Code: (SYBA- RUAECO402)
Course Title: ECONOMICS- II
(Global Economy: Contemporary Concerns (World Development Report 2018))
Academic year 2019-20

Learning Objectives:

4. To impart knowledge about the contemporary issues related to the Global Economy

5. To develop insight into the functioning of Global Economy

Learning Outcomes:

After completing this course, a student will be able to

1. Understand functioning of the Global Economy
2. Understand different policies related to the Global Economy
3. Understand future trends in the Global Economy.

Detailed Syllabus

SEMESTER IV		
Course Code	**Title**	**Credits**
RUAECO402	**Global Economy: Contemporary Concerns (World Development Report 2018)**	**4**
Unit I	**Meaning of Development**	**1**
	Development and related concepts: economic growth, economic development, human development, sustainable development, Sen's views on development, Measurement: Income indicators and their limitations, Human Development Index, Gender-related Development Index. Concept of Inclusive growth	**15 Lectures**
Unit II	**India as an Emerging Economy**	**1**
	New Economic Policy of 1991- Rapid Economic Growth-Role of Tertiary Sector-Regional Diversity -strengths and challenges at present, The Case of India (Vijay Joshi)	**15 Lectures**
Unit III	**WDR- I: Overview, The Changing Nature of Work & The Changing Nature of Firms**	**1**
	Overview: Challenges in the nature of work, what can government Do? - Organization of this study **The Changing Nature of Work:** Technology generates jobs- how work is changing-A simple model of changing work **The Changing Nature of Firms** Superstar Firms-competitive markets-Tax avoidance	**15 Lectures**
Unit IV	**WDR-II: Returns to work, Strengthening Social Protection & Ideas for Social Inclusion**	**1**
	Returns to work: Informality, working women, working in agriculture **Strengthening Social Protection:** Social Assistance, Social Insurance, Labour regulation	**15 Lectures**

| | **Ideas for Social Inclusion:** A global "New Deal", Creating a new social contract, Financing social inclusion | |

References:

1. World Development Report, June 2019, World Bank
2. Todaro, Michael P. and Stephen C. Smith. Economic Development, 8e. Delhi: Pearson Education, 2003.
3. Suresh D, Tendulkar & Bhavani, T. A., Understanding Reforms: Post-1991 India, Oxford University Press

MODALITY OF ASSESSMENT

Theory Examination Pattern:

Internal Assessment - 40%　　: 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

Duration - These examinations shall be of 2 hours duration.

Paper Pattern:

There shall be four questions each of 15 marks. On each unit there will be one question

All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester IV

Course	402			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for SYBA/ FYBSc

Program: BA (Economics)

Course: Macroeconomics- II

(SYBA- RUAECO401/ FYBSc- RUSECO202)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER IV (SYBA)

SEMESTER II (FYBSc)

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO401 RUSECO202		Macroeconomics- II Macroeconomics- II	4 3	4 3
	I	Theory- Part 1	1	
	II	Government	1	
	III	The External Sector – Part 1	1	
	IV	The External Sector – Part 2	1	

Course Code: (SYBA- RUAECO401/ FYBSc- RUSECO202)
Course Title: MACROECONOMICS- II
Academic year 2019-20

Learning Objectives:

1. To build on the understanding of basic macroeconomic identity
2. To enable the student to understand how the external sector of the economy functions

Learning Outcomes:

1. The students will be able to apply the formal macroeconomic principles they learned to real world issues.
2. They will be able to think intuitively about economic problems arising out of open economy framework.

Detailed Syllabus

SEMESTER IV (SYBA)/ SEMESTER II (FYBSc)		
Course Code	**Title**	**Credits**
RUAECO401	**Macroeconomics- II**	**4**
RUSECO202	**Macroeconomics- II**	**3**
Unit I	**Theory- Part 1**	**1**
	Micro foundations and Macro Theory, Solow on Growth Economic Growth around the world, Productivity-determinants, Savings & Investment, Inflation- Types, causes, measures	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit II	**Government**	**1**
	The Role of Government, The Government Accounts (IMF Statistics Manual), Deficit Financing, Public Debt Sustainability, The Case of India (Subramanian, Economic Survey, Joshi)	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit III	**The External Sector – Part 1**	**1**
	Exchange Rates: Nominal and Real, The Determination of Exchange Rates, Flexible versus Fixed Exchange Rates, Exchange Rates as Asset Prices: Uncovered and Covered Interest Parity, Data Sources and Measurement	**15 Lectures (FYBA)** **11 Lectures (FYBSc)**
Unit IV	**The External Sector – Part 2**	**1**
	National Income Accounting and Balance of Payments, Why BOP Must Balance Except When Exchange Rates is Fixed, A Look at the Data (IMF), IS-LM in an open economy, Mundell-Fleming model, Choice of Exchange Rate Regime, Optimal Currency Areas and the Case of the Eurozone, Exchange Rate Crises	**15 Lectures (FYBA)** **12 Lectures (FYBSc)**

References:

4. Blanchard, Oliver; Macroeconomics (4th edition, 9th impression), Pearson education, New Delhi, India.

5. Robert Feenstra & Alan Taylor, International Macroeconomics, Worth Publishers, 2nd ed.

MODALITY OF ASSESSMENT

Theory Examination Pattern:

Internal Assessment - 40%   : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

Duration - These examinations shall be of 2 hours duration.

Paper Pattern:

There shall be four questions each of 15 marks. On each unit there will be one question

All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester IV (SYBA)

SEMESTER II (FYBSc)

Course	401 & 202			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's

Ramnarain Ruia Autonomous College

Syllabus for SYBA

Program: BA (Economics)

Course: Applied Component- INVESTMENT

ANALYSIS- II

(SYBA- RUAACINV401)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER IV

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAACINV401		**Applied Component- INVESTMENT ANALYSIS- II**	**4**	**4**
	I	**Theories of Investment Analysis**	**1**	
	II	**Fundamental Analysis**	**1**	
	III	**Technical Analysis of the Market**	**1**	
	IV	**Accounting**	**1**	

Course Code: (SYBA- RUAACINV401)

Course Title: Applied Component- INVESTMENT ANALYSIS- II

Academic year 2019-20

Learning Objectives:

6.

Learning Outcomes:

Detailed Syllabus

SEMESTER IV		
Course Code	**Title**	**Credits**
RUAACINV401	**Applied Component- INVESTMENT ANALYSIS- II**	**4**
Unit I	**Theories of Investment Analysis**	**1**
	Concept of Return and Risk (Variance, SD, Beta), Portfolio return, risk, diversification and optimal portfolio - the Single Index Model-Capital Asset Pricing Theory Efficient Market Concept - Efficient Market Hypothesis - Random Walk Theory	**15 Lectures**
Unit II	**Fundamental Analysis**	**1**
	What is fundamental analysis? - Macroeconomic analysis - industry analysis, company analysis using various ratio's - estimation of intrinsic value, Study of Annual Reports	**15 Lectures**
Unit III	**Technical Analysis of the Market**	**1**
	What is technical analysis? - Tools of technical analysis - Principles of Technical analysis -Charts and Trend lines - Moving Averages - Advantages of Moving Averages	**15 Lectures**
Unit IV	**Accounting**	**1**
	Mutual Funds vs Other Security Investment, Different Types of Mutual Funds, Mutual Fund Structure in India, Concept of Systematic Investment Plan Introduction to Forwards, Futures, Options and Derivative Market in India	

References:

2. Chandra, Prasanna (2000) Investment Analysis and Portfolio, Management, Tata McGraw-Hill Publishing Company Ltd, New Delhi.

3. Chandra, Prasanna (1993) Finance Sense, Tata McGraw-Hill Publishing Company Ltd, New Delhi.

4. Hirschey, M. (2001), Investment Theory and Applications, Hircourt College Publisher, USA

5. Shalla V. K. (1983), Investment Milnagement, Security Analysis and Portfolio Management, S. Chand, New Delhi.

MODALITY OF ASSESSMENT

Theory Examination Pattern:

Internal Assessment - 40%   : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

Duration - These examinations shall be of 2 hours duration.

Paper Pattern:

There shall be four questions each of 15 marks. On each unit there will be one question

All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester IV

Course	RUAACINV401			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Microeconomics-III (RUAECO501)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO501		**Microeconomics-III**	4	4
	I	**General Equilibrium & Welfare Economics**	1	
	II	**Exchange and Production**	1	
	III	**Welfare and Externalities**	1	
	IV	**Economics of Information**	1	

Course Code:
Course Title: MICROECONOMICS- III
Academic year 2019- 20

Learning Objectives:

1. To provide an understanding into the working of asset market
2. To define an externality and a public good and why explain the presence of externalities and public goods make markets inefficient.
3. To analyze various government policies aimed at solving these inefficiencies.
4. To provide a strong understanding into welfare outcomes of consumers and producers
5. To emphasize use of information in decision making

Learning Outcomes:

5. The students will be able to apply the formal microeconomic principles they learned to real world issues.
6. They will be able to think intuitively about economic problems
7. They will be able to identify how individual economic agents make rational choices and know how to optimize the use of resources at hand

Detailed Syllabus

SEMESTER V		
Course Code	**Title**	**Credits**
RUAECO501	**MICROECONOMICS- III**	**4**
Unit I	**General Equilibrium & Welfare Economics**	**1**
	Partial vs. General Equilibrium analysis, General equilibrium of exchange & production, Marginal Conditions for Economic Efficiency & Pareto Optimality, Perfect Competition, Economic Efficiency & Equity Welfare Economics, Utility Possibilities Frontiers, Changes in Social Welfare, Arrow's Impossibility Theorem,	**15 Lectures**
Unit II	**Externalities, Public Goods & Public Choice**	**1**
	Externalities & Market Failure, Externalities & Property Rights, Free Riding, Voting, Tragedy of Commons Public & Merit goods, Nature & Provision of public goods, Meaning & importance of Public Choice theory, Public Choice process, Policy implications of Public Choice theory	**15 Lectures**
Unit III	**Choice under Uncertainty & Strategic Interaction**	**1**
	Risk & Uncertainty in demand choices, Contingent Consumption, Utility Functions, Risk Aversion, Risk Spreading, Role of Stock Market, Measuring Risk, Equilibrium in a Market for Risky Assets Game Theory: A Payoff matrix, Nash Equilibrium, Mixed strategies, Prisoner's Dilemma, Repeated Games, Enforcing a Cartel, Games of Coordination, Competition, Commitment and Coexistence, Bargaining	**15 Lectures**
Unit IV	**Economics of Information**	**1**
	The Economics of Search: Search Costs, Searching for the Lowest Price, The Asymmetric Information: The Asymmetric Information, Adverse Selection and the Market for Lemons, Market Signaling, The Problem of Moral Hazard, The Principal Agent problem, The Efficiency Wage Theory	**15 Lectures**

References:

7. Varian, Hal (2010) Intermediate Microeconomics: A Modern Approach, W. W. Norton & Company, New York, Eighth Edition

8. Mankiw, Gregory N (2015) Principles of Economics, Cengage Learning, Seventh Edition

9. Salvatore, Dominick (2006) Microeconomics: Theory and Applications, Oxford University Press, Fourth Edition

MODALITY OF ASSESSMENT

Theory Examination Pattern:

C) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

v. Duration - These examinations shall be of **2 hours** duration.

vi. Paper Pattern:

5. There shall be **four** questions each of **15** marks. On each unit there will be one question

6. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester V

Course	501			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Growth & Development (RUAECO502)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO502		Growth & Development	4	4
	I	Economic Growth	1	
	II	Poverty, Inequality & Development	1	
	III	Governance & Development	1	
	IV	International Dimensions of Growth & Development	1	

Learning Objectives:

1. To develop an insight into the process of economic development
2. To introduce concepts related to economic growth and development
3. To give multi-dimensional perspective on the process of economic development

Learning Outcomes:

8. The students will be able to apply the formal growth principles they learned to real world issues.
9. They will be able to think intuitively about development issues of different regions.
10. They will be able to understand major national and international issues and debates on development.

Detailed Syllabus

SEMESTER V		
Course Code	**Title**	**Credits**
RUAECO502	**GROWTH AND DEVELOPMENT**	**4**
Unit I	**Economic Growth**	**1**
	Angus Maddison Historical Data & Its Limitations, Modern Theories of Economic Growth (Harrod-Domar, Lucas, Romer, Jeffry Sachs), The Washington Consensus & Its Critics (Rodrik), Other Perspectives (Ruchir Sharma)	**15 Lectures**
Unit II	**Poverty, Inequality & Development**	**1**
	Demographic Transition, Microeconomic Household Theory of Fertility, Approaches to Population Policy, Measurement of Poverty, Head-Count Index and Poverty Gap Indices, Policy Options for Alleviation of Poverty, Measurement of Income Inequality, Economic Growth and Income Inequality– Kuznet's Inverted U Hypothesis, Impact of Inequality on Development, Human Capital and its Role in Development, Health and Education, Structural Transformation, W A Lewis Model	**15 Lectures**
Unit III	**Governance & Development**	**1**
	Principal Agent Problem to governance Market failure- role of governance Coase Theorem (Transaction cost approach), Williamson, North, Dixit-Olson Moral Hazard to institutions Geography vs. Trade vs. Institutions (Rodrik, Acemoglu/ Johnson/ Robinson) New institutional economics to new political theory Regulation in India- IRDA, SEBI, RBI, Election Commission, Parliament	**15 Lectures**
Unit IV	**International Dimensions of Growth & Development**	**1**

	Geopolitical and changing global economic order, Terrorism Internal/ External and its Economic Implications, Migration, Protectionism vs. Globalization, Political Economy of oil and energy, Climate change	**15 Lectures**

References:

1. Todaro, Michael P. and Stephen C. Smith. Economic Development, 8e. Delhi: Pearson Education, 2003.

2. Thirlwall, A.P. Growth and Development 8e. New York: Palgrave MacMillan, 2005.

3. Meier, Gerald M. and James E. Rauch. Leading Issues in Economic Development, 8e. New Delhi: Oxford Univ. Press, 2006.

4. Ray Debraj (2009), Development Economics, Oxford University Press

5. Weil David (2013), Economic Growth, Pearson Education, London

6. Blanchard, Oliver; Macroeconomics (4th edition, 9th impression), Pearson education, New Delhi, India.

7. Robert Feenstra & Alan Taylor, *International Macroeconomics*, 2nd ed.

MODALITY OF ASSESSMENT

Theory Examination Pattern:

D) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

vii.   Duration - These examinations shall be of **2 hours** duration.

viii.   Paper Pattern:

7.   There shall be **four** questions each of **15** marks. On each unit there will be one question

8.   All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester V

Course	502				Grand Total
	Internal	External	Total		
Theory	40	60	100		100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: ECONOMIC THOUGHT (RUAECO503)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO503		Economic Thought	4	3
	I	Smith, Ricardo & Marx	1	
	II	Neoclassical Economists & Keynesian Economics	1	
	III	Austrian Economics	1	
	IV	Public Choice & Some prominent economic thinkers of the recent times	1	

Course Code: RUAECO503

Course Title: Economic Thought

Academic year 2019-20

Learning Objectives:

1. To impart knowledge about the evolution of economic thought
2. To highlight contemporary relevance of economic thought

Learning Outcomes:

After completing this course, a student will be able to

1. Understand importance of learning economic thought
2. Understand and compare different schools of economic thought
3. Understand influence of economic thought on economic policies.

Detailed Syllabus

SEMESTER V		
Course Code	**Title**	**Credits**
RUAECO503	**Economic Thought**	**4**
Unit I	**Smith, Ricardo & Marx**	**1**
	Smith: Division of labour, Trade and economic growth - **Ricardo:** Theory of distribution, comparative advantage **Marx**: Fundamental contradictions in the capitalist system and periodic crisis- Neo capitalism. **Socialism**: different versions	**11 Lectures**
Unit II	**Neoclassical Economists & Keynesian Economics**	**1**
	A. Neoclassical Economists: Marshall and his methods, Pareto: welfare economics, Walras contribution to quantitative techniques **B. Keynesian Economics**: Overview of Keynesian Economics -Theoretical Outline of the General Theory – Resurgence in Keynesian thought after 2008 financial crisis	**11 Lectures**
Unit III	**Austrian Economics**	**1**
	Austrian Economics Böhm- Bawerk on capital and Interest- Hayek and the Theory of Business Cycles - Joseph Schumpeter on Competition, Dynamics, and Growth	**11 Lectures**
Unit IV	**Public Choice & Some prominent economic thinkers of the recent times**	**1**
	Public Choice: The New Political Economy: Public Choice and Regulation **Some prominent economic thinkers of the recent times (Introduction only):** J. Stiglitz, Paul Krugman, Thomas Piketty, Daniel Kahneman. Amartya Sen, Jagadish Bhagwati (Indicative list)	**12 Lectures**

References:

1. Allen R C, Global Economic History: A very short introduction

2. Brue S, Grant R, The Evolution of Economic Thought

3. Ekelund Robert B. and Herbert Robert F. (2013) A History of Economic Theory and Method, Waveland Press

4. Encyclopedia of Nobel Laureates, Eds. (2002): R. Kapila and A. Kapila, Publisher Academic Foundation

5. Evolution of modern Economics by Richard Gill

6. Galbraith J K (1991), History of Economics, Penguin Books, London

7. Heilbroner, Robert (1999), The Worldly Philosophers, New York: Simon& Schuster

8. Hunt E.K. History of Economic Thought

9. Kishtainy Niall, A Little History of Economics

10. Kurz Heinz, Economic thought: a brief history

11. Sansmo A, Economics Evolving

12. Schumpeter History of Economic Analysis

MODALITY OF ASSESSMENT

Theory Examination Pattern:

E) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

ix.   Duration - These examinations shall be of **2 hours** duration.

x.   Paper Pattern:

9.   There shall be **four** questions each of **15** marks. On each unit there will be one question

10. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester V

Course	503				Grand Total
	Internal	External	Total		
Theory	40	60	100		100

S.P.Mandali's

RamnarainRuia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Mathematics for Economics- I(RUAECO504A)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO504A		**Mathematics for Economics- I**	4	4
	I	**Graphs, Equations, Limits and Continuity, Derivatives**	1	
	II	**Derivatives and their Applications in various areas of Economic Analysis**	1	
	III	**Techniques and Application of Partial Derivatives**	1	
	IV	**Calculus of Multivariable Functions in Economics**	1	

Course Code:
Course Title:Mathematics for Economics- I
Academic year 2019-20

Learning Objectives:

6. To introduce the students with different types of mathematical techniques that can be used for analysing economic theory.
7. To teach the students to interpret economic theory on the basis of these mathematical tools.

Learning Outcomes:

1. Students should be able to use different mathematical techniques for the analysis and interpretation of economic theory.

Detailed Syllabus

SEMESTER V		
Course Code	**Title**	**Credits**
RUAECO504A	**Mathematics for Economics- I**	**4**
Unit I	**Graphs, Equations, Limits and Continuity, Derivatives**	**1**
	Microeconomic applications of equations and graphs Linear and non-linear relationships in economic analysis, Market demand and supply models, taxes, elasticity, The slope of a Curvilinear Function **Derivatives and their applications in various areas of Economic Analysis:** Functions, Limits, Continuity, Derivatives,Rules of Differentiation, Higher order Derivatives, Increasing and decreasing function, Necessary and sufficient conditions for maxima and minima, Optimization of economic function.	**15 Lectures**
Unit II	**Derivatives and their Applications in various areas of Economic Analysis**	**1**
	Higher order Derivatives, Increasing and decreasing function, Concavity and convexity, Necessary and sufficient conditions for maxima and minima, Optimization of economic function, Marginal Concept, Relationship among Total Marginal and Average concept	**15 Lectures**
Unit III	**Techniques and Application of Partial Derivatives**	**1**
	Functions of several variables and partial derivatives, Rules of Partial Differentiation, Second Order Partial Derivatives, Optimization of Multivariate Functions, Constraint optimization with Lagrange Multiplier, Significance of Lagrange Multiplier, Total and Partial Differentials, Total Derivatives, Implicit and Inverse function rules, Marginal Productivity, income and price elasticities of Demand Homogeneous Production Function and Returns to scale, Cobb Douglas Production Function	**15 Lectures**

Unit IV	Calculus of Multivariable Functions in Economics	1
	Marginal productivity, Income Determination, Multipliers and Comparative Statics, Income and Cross Price Elasticities of Demand, Differentials and Incremental Changes, Constrained Optimization of Multivariable functions in Economics, Homogeneous Production Function, Returns to Scale, Optimization of Cobb Douglas Production Function	15 Lectures

References:

1. Dowling Edward T:Introduction to Mathematical Economics, Schaum Outline Series in Economics, Tata McGraw -Hill, New Delhi,2004
2. Lerner Joel J and P. Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.
3. Dowling Edward T: Theory and Problems of Mathematical Methods for Business and Economics, McGraw –Hill,1993
4. Pfitzner Barry C.: Mathematical Fundamentals of Microeconomics, biztantra, New Delhi, 2003.
5. Bose D. Mathematical Economics,Himalaya Publishing House,Mumbai,1996
6. Gupta S.P. :Statistical Methods, S. Chand, New Delhi
7. Sancheti D.C. and V.K. Kapoor:Statistics-Theory, Methods and Applications, S. Chand, New Delhi

MODALITY OF ASSESSMENT

Theory Examination Pattern:

F) Internal Assessment - 40% :**40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries(case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xi.　　Duration - These examinations shall be of **2 hours** duration.

xii.　　Paper Pattern:

11. There shall be **four** questions each of **15** marks. On each unit there will be one question

12. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks DistributionPattern

Semester V

Course	504A			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's

Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Research Methodology- I (RUAECO504B)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO504B		Research Methodology- I	4	4
	I	Introduction to Concept of Research	1	
	II	Elements of Research Methodology	1	
	III	Sources of Data for Research	1	
	IV	Processing and Analysis of Data	1	

Course Code:RUAECO504B
Course Title: Research Methodology- I
Academic year 2019- 20

Learning Objectives:

8. To impart knowledge about the Research Methodology
9. To highlight issues involved in the economic research

Learning Outcomes:

After completing this course, a student will be able to

1. Understand various steps involved in research
2. Understand and use different research tools
3. Undertake a research project.

Detailed Syllabus

SEMESTER V		
Course Code	Title	Credits
RUAECO504B	**Research Methodology- I**	**4**
Unit I	**Introduction to Concept of Research**	**1**
	Nature, Scope & Purpose of social research, Basic assumptions of research, Significance of social sciences research, Objectivity in social sciences research Types of research: pure & applied research; formulative or exploratory research; descriptive research, historical research, experimental research, survey research Ethical issues relating to research Major Difficulties in the Area of economic research	**15 Lectures**
Unit II	**Elements of Research Methodology**	**1**
	Steps in Research process: Identification, selection and formulation of research problem – sources of research problem – criteria of a good research problem Review of literature Formulation of hypothesis Preparing Research Design: Definition, Concepts, and types– exploratory, descriptive and diagnostic, experimental and Analytical research designs Collecting and analysing the data Interpretation and report writing Use of web search in research process- Introduction to Internet and WWW, Using search engine like Google, Yahoo etc- Use of advanced search techniques	**15 Lectures**
Unit III	**Sources of Data for Research**	**1**
	Types of data sources: Primary and Secondary, choice between primary and secondary data Primary data-Meaning and Collection methods- Observational method, Interview technique, Design of	**15 Lectures**

	Schedule and Questionnaire, Survey method and Field Visits, Case Study as a method, Major Sources of Secondary data: Meaning, advantages, Relevance, limitations and cautions of secondary data. Sampling Technique: Census and sample survey- Essentials of a good Sampling - Advantages and limitations of sampling Methods of sampling: random sampling: simple or unrestricted random sampling- mixed or stratified random sampling, systematic or quasi random sampling – multistage or cluster random sampling- sequential random sampling non random sampling : judgement or purposive sampling–convenience sampling- accidental sampling – quota sampling. Sampling and Non-sampling errors - Sample size – selecting an appropriate sampling technique		
Unit IV	**Processing and Analysis of Data**	**1**	
	Classification, Tabulation and Graphical presentation of socio-economic data An introduction to Statistical Analytical Tools – Measures of Central Tendency - Measures of Variation: absolute and relative measures – Quartile deviation, standard deviation, coefficient of variation- Skewness: meaning and Measurement (Karl Pearson's and Bowley's methods) Preliminaries of Computer Applications in Data organization & Data Processing Introduction to spreadsheet application, features and functions, Using formulas and functions, Data storing, Features for Statistical data analysis, Graphical representation of data, Generating charts/ graph and other features	**15 Lectures**	

References:

1. Gopal, M.H (1970) An Introduction to Research Procedures in Social Sciences, Bombay, Asia Publishing House.

2. Goode J.Willium&Hatt K. Paul, Methods of social Research, , New York, McGraw – Hill.

3. Kothari, C.R (2004) Research Methodology: An Introduction, Delhi, New Age

4. Krishnaswami, O.R&, M.Ranganatham (2011) Methodology of Research in Social Sciences, Himalaya Publishing House, Mumbai..(Unit 1,2, 3,4)

5. Kumar, Renjith (2009) Research Methodology: A Step by Step Guide for Research, Delhi, Pearson Education

6. P.Saravanavel ((1987) Research Methodology, Kitab Mahal, Allahabad .(Unit 1,2, 3,4)

7. Gupta S P Statistical Methods Sultan Chand and Sons, New Delhi..(Unit 3,4)

8. Gupta S.C, Fundamentals of Statistics, Himalaya Publication House, Bombay (Unit 4)

9. Young Pauline V, Scientific Social Surveys and research, New Delhi, Prentice hall of India Pvt Ltd. (Unit 1,2,3)

MODALITY OF ASSESSMENT

Theory Examination Pattern:

G) Internal Assessment - 40% : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xiii. Duration - These examinations shall be of **2 hours** duration.

xiv. Paper Pattern:

13. There shall be **four** questions each of **15** marks. On each unit there will be one question

14. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester V

Course	504B			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S.P.Mandali's

RamnarainRuia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Econometrics- I(RUAECO505A)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO505A		Econometrics-I	4	4
	I	Idea of a random variable	1	
	II	Simple Linear Regression Analysis	1	
	III	Hypothesis Testing	1	
	IV	Multiple Linear Regression Model	1	

Course Code: RUAECO505A

Course Title:Econometrics- I

Academic year 2019- 20

Learning Objectives:

10. To introduce the students to elementary concepts in econometrics.
11. To make students understand how econometric techniques can be used for analyzing different economic models.

Learning Outcomes:

1. The student should be able to gain an understanding of basic econometric tools.
2. The student should be able to apply these tools for empirical estimation of various economic theories.

Detailed Syllabus

SEMESTER V		
Course Code	**Title**	**Credits**
RUAECO505A	**Econometrics- I**	**4**
Unit I	**Idea of a random variable**	**1**
	• Concept of a random variable: Discrete and continuous • Expected values of a random variable • Variance of a random variable • Discrete random variables: Bernoulli, Binomial, Poisson • Continuous random variables: The normal distribution	**15 Lectures**
Unit II	**Simple Linear Regression Analysis**	**1**
	• Two variable regression model and calculating the OLS estimates • Classical assumptions of regression • Formal derivation of the OLS estimators, its expected values and variance • Properties of OLS estimators under classical assumptions, Gauss-Markov Theorem (without proof) • Performing a Simple Linear Regression in R and interpreting the results	**15 Lectures**
Unit III	**Hypothesis Testing**	**1**
	• Point and interval estimation • The Z distribution • The Null and Alternate hypotheses and significance testing for mean using Z distribution when population variance is known • The chi-square distribution and testing for sample variance with known population variance • The F distribution and comparing sample variances • The t distribution and hypothesis tests when population variance in unknown	**15 Lectures**
Unit IV	**Multiple Linear Regression Model**	**1**

| | Modelling for a Multiple Linear Regression, obtaining the OLS estimates and Interpreting the results of the OLS estimates Violations in the assumptions in the Linear Regression model: Heteroscedasticity, Autocorrelation and Multicollinearity Understanding the idea of Goodness of Fit (R square and Adjusted R square) Performing Multiple Linear Regression in R and interpretation of the results – Understanding the idea of Fitted values and Residual values | |

References:

8. Gujarati D and Sangeeta, Basic Econometrics
9. Cameron Colin A. and Trivedi P K, Microeconometrics Methods and Applications
10. Wooldridge J M Introductory Econometrics, A Modern Approach

MODALITY OF ASSESSMENT

Theory Examination Pattern:

H) Internal Assessment - 40% :**40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries(case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xv.   Duration - These examinations shall be of **2 hours** duration.

xvi.   Paper Pattern:

15. There shall be **four** questions each of **15** marks. On each unit there will be one question

16. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks DistributionPattern

Semester V

Course	505A			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's

Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: INDIAN FINANCIAL SYSTEM (RUAECO505B)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO505B		Indian Financial System	4	4
	I	Banking in India since 1990s	1	
	II	Money and Capital Markets in India	1	
	III	Non- Banking sector of the Financial System	1	
	IV	Derivatives Market in India	1	

Course Code: RUAECO505B
Course Title: INDIAN FINANCIAL SYSTEM
Academic year 2019-20

Learning Objective:

1. To Acquaint the students with various components and interrelationships in the Indian Financial System
2. To understand the functioning of the financial institutions and markets

Learning Outcomes:

1. The study of this paper will give the students a better understanding of the financial system, its components and the latest reforms introduced in them.

Detailed Syllabus

SEMESTER V		
Course Code	**Title**	**Credits**
RUAECO505B	**INDIAN FINANCIAL SYSTEM**	**4**
Unit I	**Banking in India since 1990s**	**1**
	Developments in Commercial banking sector since 1990s – Management of Non-Performing Assets (NPAs); Capital Adequacy Norms - Basel Accord III.- Monetary policy of the RBI –Changes in RBI monetary policy since1990s - Transmission Channels of Monetary policy.	**15 Lectures**
Unit II	**Money and Capital Markets in India**	**1**
	Money Market: Components of organized money market– Reforms in the money market - Features of Indian Money Market. Capital Market: Structure of the Indian Capital Market– Recent Developments in the Capital Market– Role of SEBI- Interlink between Money Market and Capital Market- Overview of Debt Market in India.	**15 Lectures**
Unit III	**Non- Banking sector of the Financial System**	**1**
	Non-Bank Finance Companies (NBFCs) in India and their progress- Developments in India's Insurance sector– Progress of Mutual Funds industry in India- Credit Rating Agencies in India.	**15 Lectures**
Unit IV	**Derivatives Market in India**	**1**
	Meaning of derivatives – Participants in the Derivative Markets– Hedgers, Arbitragers and Speculators– Significance of Derivative Markets– types of financial derivatives: Forwards, Futures, Options and Swaps- pricing of derivatives: Pricing of Futures and Pricing of Options- Derivatives trading in India	**15 Lectures**

References:

1. Bhole L M   Financial Institutions AND Markets , Mc Grow Hill
2. Deodhar S B Abhyankar A Indian Financial System, Himalaya Publishers, ed VI

3. Pathak Bharati , Indian Financial System

MODALITY OF ASSESSMENT

Theory Examination Pattern:

I) Internal Assessment - 40%   : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xvii.   Duration - These examinations shall be of **2 hours** duration.

xviii.   Paper Pattern:

17. There shall be **four** questions each of **15** marks. On each unit there will be one question

18. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester V

Course	505B			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Urban Development & Policy (RUAECO506)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER V

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO506		Urban Development & Policy	4	3
	I	Urbanisation- Origin and Growth of Cities	1	
	II	Urban Infrastructure & Development	1	
	III	Urban Governance	1	
	IV	Urban Economy of India	1	

Course Code: RUAECO506
Course Title: Urban Development & Policy
Academic year 2019-20

Learning Objectives:

1. This course is designed as a preliminary level course. The learning objective here is to acquaint the underlying theories, propositions and issues that usually arise in studying an urban situation.

2. The course will improve the understanding of the students regarding various urban problems and policy matters.

3.

Learning Outcomes:

1. The course will equip the student with the basic theoretical premises and analytical tools (borrowed from the standard micro and Macroeconomics) that are used by an urban economist.

2. It will help the students to have a specialised knowledge of analysing and dealing with specific issues of urban areas.

Detailed Syllabus

SEMESTER V		
Course Code	**Title**	**Credits**
RUAECO506	**Urban Development & Policy**	**4**
Unit I	**Urbanisation- Origin and Growth of Cities**	**1**
	Market Forces in the Development of Cities, Comparative Advantage, Agglomerative Economics in Production & other extensions, and Spatial Orientation, Economies of localization, Scale Economies and Zipf's Law, Location of Economic Activities, Location of firms, Households, Land use patterns and control, Classical models and modern reality, regulation land ceiling and rent control. Labour Markets– nature, informalisation. Migration, Urban poverty, Environment	**12 Lectures**
Unit II	**Urban Infrastructure & Development**	**1**
	Economics of Urban Infrastructure, Local Public Goods and Infrastructure: Nature of Local Public Goods and Utility Pricing – water/sanitation, health and education. Power, Housing and Transportation infrastructure. Slums and rehabilitation – Urban infrastructure needs and finance	**11 Lectures**
Unit III	**Urban Governance**	**1**
	Municipal governments – sources of revenues (local taxes) and expenditure. Functions and budgets in a decentralized set up. Governance Issues – capacity building and the role of civil society	**11 Lectures**
Unit IV	**Urban Economy of India**	**1**
	Urban Demography-Urban Labour Market-Migration; Informal Economy-Urban Micro Finance-Urban Poverty-Human Development, Land Market, Clusters of Innovation,	

References:

Essential Readings
1. O'Sullivan, A., Urban Economics**,** McGraw-Hill Irwin, 2002 **(**BASIC TEXT All Modules)
2. Shukla, V., Urbanization and Economic Growth, Himalaya Publishers Pvt. Ltd., Mumbai, 1996 (Modules 1, 2)
3. Bahl, R and J. Linn, Urban Public Finance in Developing Countries**,** OUP (WB), 1992 (Modules 3, 4)
4. Ramachandran, R., Urban Economics and Urban Systems in India**,** OUP, 1989 (Module 1)

MODALITY OF ASSESSMENT

Theory Examination Pattern:

J) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xix.   Duration - These examinations shall be of **2 hours** duration.

xx.   Paper Pattern:

19. There shall be **four** questions each of **15** marks. On each unit there will be one question

20. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester V

Course	506			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

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Syllabus for TYBA

Program: BA (Economics)

Course: Macroeconomics-III (RUAECO601)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO601		Macroeconomics-III	4	4
	I	International Monetary History	1	
	II	Theory – Part 2	1	
	III	Theory – Part 3	1	
	IV	The 2008 GFC & Contemporary Macro Debates	1	

Course Code: RUAECO601
Course Title: MACROECONOMICS- III
Academic year 2019-20

Learning Objectives:

12. To provide an understanding into the working of economies
13. To analyze various government policies aiming to resolve macroeconomic issues
14. To provide a strong understanding into contemporary global economy

Learning Outcomes:

11. The students will be able to apply the formal macroeconomic principles they learned to real world issues.
12. They will be able to think intuitively about economic problems

Detailed Syllabus

SEMESTER VI		
Course Code	**Title**	**Credits**
RUAECO601	**MACROECONOMICS- III**	**4**
Unit I	**International Monetary History**	**1**
	The Gold Standard, The Inter-War Period and the Great Depression, The Key Issues debated at Bretton Woods and the system that emerged as a result of those debates, The Collapse of Bretton Woods System, Fixing in Europe via ERM and the Dollar elsewhere, The Maastricht Treaty and preparations for the Euro, the Global Financial Crisis and its consequences for the Euro, The Euro Crisis, Chinese Ambitions in Present Day	**15 Lectures**
Unit II	**Theory – Part 2**	**1**
	Labour Market, Supply of labour, Unemployment, Natural Rate of Unemployment, Wage determination- collective bargaining, Efficiency wages, Price determination, The Phillips Curve: History & Contemporary Debates, The Contributions of Friedman and Lucas	**15 Lectures**
Unit III	**Theory – Part 3**	**1**
	Stagflation- Monetarism, Lucas Critique Rational Expectations Hypothesis and Intertemporal Optimization New Macroeconomics- New Keynesian Economics & Market Failures; Aggregate Fluctuations & Stabilization Policy, real business cycles & credibility of Monetary Policy, Walrasian/ Arrow- Debreu Model	**15 Lectures**
Unit IV	**The 2008 GFC & Contemporary Macro Debates**	**1**
	New Growth Theory GFC- Around the world, India; New Consensus Macroeconomics (NCM): Main features, Monetary Policy in NCM	**15 Lectures**

References:

1. Blanchard, Oliver; Macroeconomics (4th edition, 9th impression), Pearson education, New Delhi, India.
2. Robert Feenstra & Alan Taylor, International Macroeconomics, Worth Publishers, 2nd ed.

MODALITY OF ASSESSMENT

Theory Examination Pattern:

K) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxi.   Duration - These examinations shall be of **2 hours** duration.

xxii.   Paper Pattern:

21. There shall be **four** questions each of **15** marks. On each unit there will be one question

22. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester VI

Course	601			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: International Economics (RUAECO602)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO602		**International Economics**	**4**	**4**
	I	**Introduction**	1	
	II	**International Institutions & India**	1	
	III	**International Flows**	1	
	IV	**Economics of Integration**	1	

Course Code: RUAECO602
Course Title: INTERNATIONAL ECONOMICS
Academic year 2019-20

Learning Objective:

4. To provide a general understanding of the fundamentals of international economic theory

5. To provide an understand the dynamics of global economic integration.

Learning Outcomes:

13. The students will be able to understand the current trends and tendencies of the global macro-economy and international relations.

14. They will be able to understand international movements of factors and the most relevant destinations.

15. They will be able to analyse trade policy tools and their effects.

Detailed Syllabus

SEMESTER VI		
Course Code	**Title**	**Credits**
RUAECO602	**INTERNATIONAL ECONOMICS**	**4**
Unit I	**Introduction**	**1**
	(a) What is international economics about? An overview of world trade. (b) New trade theories of International Trade: Technological Gaps and Product Cycles; Linder's Theory of Trade; Emergence of intra-industry trade - Krugman's Model, Porter's National Competitive Advantage, New Trade Theory, Ricardian Theory of international trade (modern), Stolper-Samuelson theorem, Monopolistic competition and trade-firm heterogeneity	**15 Lectures**
Unit II	**International Flows**	**1**
	Factors determining labour and capital mobility; challenges and issues in outsourcing; Classification of International capital flows (ECBs, short term borrowings and lending, FDI, FPI); issues in international business-trade and environment, trade and labour issues; Global FDI trends and prospects, FDI and the global value chain	**15 Lectures**
Unit III	**Economics of Integration**	**1**
	Forms; Objectives of Economic Integration; Theory of Customs Union-Trade Creation and Trade Diversion effects; Cartels; Regional Trade Agreements, Trade Blocs- ASEAN, EU, Optimum Currency Area Theory, NAFTA, SAARC; Regionalism Vs Multilateralism.	**15 Lectures**
Unit IV	**International Institutions & India**	**1**
	OECD, ADB, IMF, World Bank, WTO- Objectives & Functions, Performance wrt India	**15 Lectures**

References:

1. Paul Krugman, Maurice Obstfeld, and Marc Melitz, *International Economics: Theory and Policy*, Addison-Wesley (Pearson Education Indian Edition), 9th edition, 2012.

2. Dominick Salvatore, *International Economics: Trade and Finance*, John Wiley International Student Edition, 11th edition, 2013.

3. Gordon Hanson, 'The Rise of Middle Kingdoms: Emerging Economies in Global Trade", *Journal of Economic Perspectives*, Spring 2012.

4. Melitz M. and Trefler D., "Gains from Trade When Firms Matter", *Journal of Economic Perspectives*, Spring 2012.

5. Appleyard Dennis and Alfred j Field, Jr, International Economics, 2001, 4th Edition, Tata McGraw-Hill Education Private Limited

6. Bhagwati, Jagdish, Arvind Panagariya, and T.N Srinivasan, (2004), "The muddles over outsourcing". Journal of economic perspectives, 18(4): 93-104

7. Cherunilam Francis, *International Economics*, 2009, 5th Edition, Tata McGraw-Hill Education Private Limited, New Delhi

8. Eichengreen, Barry (2003). "Restructuring sovereign debt". Journal of Economic Perspectives, 17(4): 75-98

9. H.R.Machiraju, 'International Financial Markets and India', Second Edition, New Age International (P) Ltd, Publishers (Chapter 9)

MODALITY OF ASSESSMENT

Theory Examination Pattern:

L) Internal Assessment - 40%   : 40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxiii. Duration - These examinations shall be of **2 hours** duration.

xxiv. Paper Pattern:

23. There shall be **four** questions each of **15** marks. On each unit there will be one question

24. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester VI

Course	602			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's

Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: DEVELOPMENT EXPERIENCE OF COUNTRIES (RUAECO603)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO603		DEVELOPMENT EXPERIENCE OF COUNTRIES	4	3
	I	Germany	1	
	II	South Korea	1	
	III	Chile	1	
	IV	China	1	

Course Code: RUAECO603
Course Title: DEVELOPMENT EXPERIENCE OF COUNTRIES
Academic year 2019-20

Learning Objective:

1. To impart knowledge about the development experience of fore prominent countries
2. To highlight strengths and problems of these economies

Learning Outcomes:

After completing this course, a student will be able to

1. Understand importance of learning economic history
2. Understand and compare functioning of different economies
3. Understand influence of socio-political factors on economic development.

Detailed Syllabus

SEMESTER VI		
Course Code	**Title**	**Credits**
RUAECO603	**DEVELOPMENT EXPERIENCE OF COUNTRIES**	**4**
Unit I	**Germany**	**1**
	Effects of WW II-West and East Germany-The Marshall Plan (The Schuman Declaration (1950)-period of rapid growth-from boom to bust in the 1960s and 1970s- German Unification- prominent economic power in the European union- strengths and challenges at present	**11 Lectures**
Unit II	**South Korea**	**1**
	Effects of the Korean War-rapid growth 1960s-1980s- The Asian Financial crisis of 1990s- development of High-tech industries- Sustainability of growth experience- strengths and challenges at present	**11 Lectures**
Unit III	**Chile**	**1**
	Industrialisation as a state policy 1938-58 - Structural Reforms 1958-70 – Statism- Reforms of 1973-1990- March towards prosperity	**11 Lectures**
Unit IV	**China**	**1**
	Communist revolution of 1949-Mao Regime: Great Leap Forward-major economic initiatives-China after 1978: Blending political dictatorship and market economy- miraculous economic progress- strengths and challenges at present	**12 Lectures**

References:

1. Acemouglu D & Robinson J (2013) Why Nations Fail, Profile Book Limited,London
2. Gregory J S (2002) The West and China Since 1500, Palgrave,Macmillan
3. Kapila Uma (2017) Indian Economy, Academic Foundation,New Delhi
4. Ministry of Finance, Government of India (1018) Economic Survey 2017-18 Vol.I & II Oxford University Press, New Delhi
5. Sharma Ruchir (2012) Breakout Nations, Allen Lane, London

6. Sharma Ruchir (2016) The Rise and Fall of Nations, Allen Lane, London
7. World Bank (2011) Globalisation and Emerging Economies, Blackwell Publications

MODALITY OF ASSESSMENT

Theory Examination Pattern:

M) Internal Assessment - 40%   : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxv. Duration - These examinations shall be of **2 hours** duration.

xxvi. Paper Pattern:

    25. There shall be **four** questions each of **15** marks. On each unit there will be one question

    26. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III

| Q.4) A) B) C) | Any 2 out of 3 | 15 | Unit IV |

Overall Examination and Marks Distribution Pattern

Semester VI

Course	603			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S.P.Mandali's

RamnarainRuia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Mathematics for Economics- II(RUAECO604A)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO604A		**Mathematics for Economics- II**	4	4
	I	Exponential and Logarithmic Function	1	
	II	Linear Algebra	1	
	III	Integral Calculus	1	
	IV	First Order Differential Equation, First Order Difference	1	

Course Code:

Course Title:Mathematics for Economics- II

Academic year 2019- 20

Learning Objectives:

15. To introduce the students with different types of mathematical techniques that can be used for analysing economic theory.
16. To teach the students to interpret economic theory on the basis of these mathematical tools.

Learning Outcomes:

2. Students should be able to use different mathematical techniques for the analysis and interpretation of economic theory.

Detailed Syllabus

SEMESTER VI		
Course Code	Title	Credits
RUAECO604A	**Mathematics for Economics- II**	**4**
Unit I	**Exponential and Logarithmic Function**	**1**
	Properties of exponents and Logarithms, Natural Exponential and Logarithmic Function, Interest Compounding, Effective vs Nominal Rates of interest, Discounting	**15 Lectures**
Unit II	**Linear Algebra**	**1**
	Matrices and basic operations on matrices, Rank of a Matrix, Cofactor and Adjoint Matrices, Inverse of a Matrix, Cramer's Rule, Input-output Analysis and policy implications, Determinants and their properties, Linear Programming problem: formulation and graphical solution	**15 Lectures**
Unit III	**Integral Calculus**	**1**
	Integration and definite integral, area under the curve, Economic Application Present value of cash flows (present value of a sum to be received in future and present value of a stream of future income), Consumer's and Producer's surplus, Learning curve	**15 Lectures**
Unit IV	**First Order Differential Equation, First Order Difference Equation**	**1**
	General Formula for First Order Linear Differential Equations, Exact Differential Equation and Partial Integration, Rules for Integrating Factors, Separation of Variables, Economic Applications, General Formula for First Order Linear Difference Equation, Stability Conditions, Lagged Income Determination Model, The Cobweb Model	**15 Lectures**

References:

11. Dowling Edward T:Introduction to Mathematical Economics, Schaum Outline Series in Economics, Tata McGraw -Hill, New Delhi,2004

12. Lerner Joel J and P. Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.

13. Dowling Edward T: Theory and Problems of Mathematical Methods for Business and Economics, McGraw –Hill,1993

14. Pfitzner Barry C.: Mathematical Fundamentals of Microeconomics, biztantra, New Delhi, 2003.

15. Bose D. Mathematical Economics,Himalaya Publishing House,Mumbai,1996

16. Gupta S.P.:Statistical Methods, S. Chand, New Delhi

17. Sancheti D.C. and V.K. Kapoor:Statistics-Theory, Methods and Applications, S. Chand, New Delhi

MODALITY OF ASSESSMENT

Theory Examination Pattern:

N) Internal Assessment - 40% :**40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries(case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxvii. Duration - These examinations shall be of **2 hours** duration.

xxviii. Paper Pattern:

27. There shall be **four** questions each of **15** marks. On each unit there will be one question

28. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks DistributionPattern

Semester VI

Course	604A			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's

Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Research Methodology- II (RUAECO604B)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO604B		Research Methodology- II	4	4
	I	Statistical applications in research	1	
	II	Index numbers	1	
	III	Hypothesis formulation and Hypothesis Testing	1	
	IV	Research Report Writing	1	

Course Code: RUAECO604B
Course Title: Research Methodology- II
Academic year 2019- 20

Learning Objectives:

17. To impart knowledge about the Research Methodology
18. To highlight issues involved in the economic research

Learning Outcomes:

After completing this course, a student will be able to

1. Understand various steps involved in research
2. Understand and use different research tools
3. Undertake a research project.

Detailed Syllabus

SEMESTER VI		
Course Code	**Title**	**Credits**
RUAECO604B	**Research Methodology- II**	**4**
Unit I	**Statistical applications in research**	**1**
	• Methods of studying Correlation- measurement of simple correlation: graphic method: scatter diagram - coefficient of correlation- Karl Pearson and rank correlation- interpretation of $r = \pm 1$ • Linear Regression analysis: meaning, regression lines, regression coefficients, regression equations, relationship between correlation and regression • Analysis of Time Series – components –trend analysis- moving averages (3,4 and 5 yearly) - method of least square	**15 Lectures**
Unit II	**Index numbers**	**1**
	Meaning– classification– problems encountered while constructing index numbers- uses and limitation of index numbers Methods of constructing index numbers: • Simple index: i) aggregate method ii) simple average of relatives method • Weighted index: Laspeyer's, Paache's and Fisher's index – weighted average of relatives method • Chain based index – concepts of Base shifting, splicing, and deflating • Consumer price index: meaning, need and construction– methods: aggregate expenditure method and family budget method	**15 Lectures**
Unit III	**Hypothesis formulation and Hypothesis Testing**	**1**
	• Definition and functions of hypothesis –Criteria of workable hypothesis – forms and sources of hypothesis	**15 Lectures**

	• Concepts in Testing of Hypothesis: Universe / Population, parameter and statistic, Null and Alternative Hypotheses, Levels of Significance, critical region, Type I and type II errors - Point and Interval Estimates	
Unit IV	**Research Report Writing**	**1**
	Types of Research Report: Technical, Popular, Interim, Summary, Article 1) Format of a Research Report 2) Principles of writing the Research Report: Organization and Style - Contents-Styles of reporting- Steps in drafting Reports- Editing the final draft-Evaluating the final draft - Organization of the Research Report: Preliminaries, Contents of Report, Structuring the Report: Chapter format- Pagination- Identification- Using quotations- Presenting footnotes – abbreviations- Presentation of tables and figures- Referencing- Documentation-Use and format of appendices- Indexing - Bibliography, Appendices	**15 Lectures**

References:

10. Gopal, M.H (1970) An Introduction to Research Procedures in Social Sciences, Bombay, Asia Publishing House.

11. Goode J. Willium & Hatt K. Paul, Methods of social Research, New York, McGraw – Hill.

12. Kothari, C.R (2004) Research Methodology: An Introduction, Delhi, New Age

13. Krishnaswami, O. R &, M. Ranganatham (2011) Methodology of Research in Social Sciences, Himalaya Publishing House, Mumbai (Unit 1,2, 3,4)

14. Kumar, Renjith (2009) Research Methodology: A Step by Step Guide for Research, Delhi, Pearson Education

15. P. Saravanavel ((1987) Research Methodology, Kitab Mahal, Allahabad (Unit 1,2, 3,4)

16. Gupta S P Statistical Methods Sultan Chand and Sons, New Delhi..(Unit 3,4)

17. Gupta S.C, Fundamentals of Statistics, Himalaya Publication House, Bombay (Unit 4)

18. Young Pauline V, Scientific Social Surveys and research, New Delhi, Prentice hall of India Pvt Ltd. (Unit 1,2,3)

MODALITY OF ASSESSMENT

Theory Examination Pattern:

O) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxix.   Duration - These examinations shall be of **2 hours** duration.

xxx.   Paper Pattern:

29. There shall be **four** questions each of **15** marks. On each unit there will be one question

30. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester VI

Course	604B			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S.P.Mandali's

RamnarainRuia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Econometrics- II(RUAECO605A)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO605A		Econometrics-II	4	4
	I	Advanced Topics in Regression	1	
	II	Introduction to Time Series	1	
	III	Basic Regression Analysis with Time Series and Panel Data	1	
	IV	Simultaneous Equation Models and Distributed Lag Models	1	

Course Code: RUAECO605A
Course Title:Econometrics- II
Academic year 2019- 20

Learning Objectives:

19. To introduce the students to advanced concepts in econometrics.
20. To make students understand how these techniques can be used for analyzing different economic models.
21. To acquaint the students with the role of computer, particularly, different types of softwares that can be used for econometric analysis.

Learning Outcomes:

3. The student should be able to gain an understanding of different econometric tools that can be used for empirical estimation of economic theory.
4. The student should be able to apply these tools for empirical estimation with the help of softwares like R and STATA.

Detailed Syllabus

SEMESTER VI		
Course Code	Title	Credits
RUAECO605A	Econometrics- II	4
Unit I	Advanced Topics in Regression	1
	• Understanding the idea of Outliers – its implications and detection • Understanding the idea of Endogeneity and the idea of Instrument Variable Bias • Dummy Variables	15 Lectures
Unit II	Introduction to Time Series	1
	• Understanding different kinds of data sets: Cross-section, Time Series and Panel Data sets • Introducing the concept of Time Series data and how it is different from OLS Regression by giving brief introduction of Maximum Likelihood Estimation • Different Time Series Models: Linear Trend, Random Walk, AR Process • Idea of Stationarity and Non-stationarity • Test for Stationarity: Augmented Dickey Fuller Test • Introduction to ARIMA Modelling	15 Lectures
Unit III	Basic Regression Analysis with Time Series and Panel Data	1
	• Time Series Regression Models: Static Models, Finite Distributed Lag Models, • Pooling Independent Cross Section Across Time, • Fixed Effect Estimation: The Dummy Variable Regression, Fixed Effects or • First Differencing, Random Effect Models	15 Lectures
Unit IV	Simultaneous Equation Models and Distributed Lag Models	1
	• The Nature of Simultaneous Equation Models	

	• Simultaneity Bias in OLS • Identifying and Estimating a Structural equation in Two, Three and More Equations **Project:** Analysing Economic data sets from different sources and doing a project using the econometric tools studied throughout the course. Can be done in Excel, R, Eviews, Stata	

References:

18. Gujarati D and Sangeeta, Basic Econometrics
19. Cameron Colin A. and Trivedi P K, Microeconometrics Methods and Applications
20. Wooldridge J M Introductory Econometrics, A Modern Approach

MODALITY OF ASSESSMENT

Theory Examination Pattern:

P) Internal Assessment - 40% :40 marks

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries(case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxxi. Duration - These examinations shall be of **2 hours** duration.

xxxii. Paper Pattern:

   31. There shall be **four** questions each of **15** marks. On each unit there will be one question

   32. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks DistributionPattern

Semester VI

Course	605A			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Behavioural Economics (RUAECO605B)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO605B		**Behavioural Economics**	**4**	**4**
	I	**Principles of Behavioural Economics – I**	**1**	
	II	**Principles of Behavioural Economics – II**	**1**	
	III	**Methods used in Behavioural Economics**	**1**	
	IV	**Applications of Behavioural Economics**	**1**	

Course Code: RUAECO605B
Course Title: BEHAVIOURAL ECONOMICS
Academic year 2019-20

Learning Objective:

1. To acquaint the students with fundamentals of Behavioural Economics
2. To make them understand the complexities of decision making.

Learning Outcomes:

1. The students will learn the basic of Behavioural Economics and its applications.

Detailed Syllabus

SEMESTER VI		
Course Code	**Title**	**Credits**
RUAECO605B	**BEHAVIOURAL ECONOMICS**	**4**
Unit I	**Principles of Behavioural Economics – I**	**1**
	History of Behavioural Economics – Need for behavioural principles in economics – Early work – Bounded Rationality – Allais Paradox – Prospect Theory (Loss Aversion, Endowment Effect) – Heuristics and Biases (Availability, Anchoring, Adjustment, Framing) – Intertemporal Choice (Self-control problem) – Reference Dependent Preferences	**15 Lectures**
Unit II	**Principles of Behavioural Economics – II**	**1**
	Auctions (revenue equivalence theorem and practice) – Biases in Market Behaviour (equilibrium prices) – Consumer Psychology (Choice overload, option paralysis) – Subjective Well-being and Happiness – Mental Accounting – Social Preferences (inequity,	**15 Lectures**

	fairness, trust) – Decision-making under uncertainty (risk aversion)	
Unit III	**Methods used in Behavioural Economics**	**1**
	Theoretical methods vs. empirical methods –Theoretical studies in behavioural economics – applications of psychological principles – Experimental methods – Lab Experiments – Field Experiments – Natural Experiments – Policy Experiments – Critique of methods used	**15 Lectures**
Unit IV	**Applications of Behavioural Economics**	**1**
	Critique of behavioural economics – Applications in Policy (Education, Health, Development, Welfare) – Applications in Business and Corporates – Neuroeconomics – Nudging & Choice Architecture	**15 Lectures**

References:

1. Angner, Erik. *A Course in Behavioral Economics 2e*. Palgrave Macmillan, 2016.

2. Camerer, Colin F., George Loewenstein, and Matthew Rabin, eds. *Advances in behavioral economics*. Princeton university press, 2011.

3. Thaler, Richard, and Cass Sunstein. *Nudge: Improving decisions about health, wealth, and happiness*.Yale University Press, 2008.

4. Kahneman, Daniel. *Thinking, fast and slow*. Macmillan, 2011.

5. Ariely, Dan. *Predictably irrational*. New York: HarperCollins, 2009.

6. List, John, and Uri Gneezy. *The why axis: hidden motives and the undiscovered economics of everyday life*. Random House, 2014.

MODALITY OF ASSESSMENT

Theory Examination Pattern:

Q) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxxiii. Duration - These examinations shall be of **2 hours** duration.

xxxiv. Paper Pattern:

33. There shall be **four** questions each of **15** marks. On each unit there will be one question

34. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester VI

Course	605B			Grand Total
	Internal	External	Total	
Theory	40	60	100	100

S. P. Mandali's
Ramnarain Ruia Autonomous College

Syllabus for TYBA

Program: BA (Economics)

Course: Corporate Finance (RUAECO606)

(Credit Based Semester and Grading System with effect from the academic year 2019–20)

SEMESTER VI

COURSE CODE	UNIT	TITLE	Credits	Lectures/ Week
RUAECO606		Corporate Finance	4	3
	I	Valuation	1	
	II	Investment Decisions	1	
	III	Dividend Theory	1	
	IV	Cost of capital and capital structure	1	

Course Code: RUAECO606
Course Title: Corporate Finance
Academic year 2019-20

Learning Objective:

1. To learn the basics of Corporate Finance
2. To train the students in the fundamentals of technical and financial analysis .

Learning Outcome:

1. It will equip the students with the required skills to take up jobs in Corporate Sector.

Detailed Syllabus

SEMESTER VI		
Course Code	**Title**	**Credits**
RUAECO606	**Corporate Finance**	**4**
Unit I	**Valuation**	**1**
	i) Value and return Introduction, Time Preference for Money, Future Value: Single cash flows, Annuity, Sinking Fund Present Value: Single Cash FLOW, Annuity, Uneven Cash Flows Capital Recovery, Constant Growing Annuity Net Present Value: Present Value and Rate of Return, IRR Calculation ii) Portfolio Theory and Asset Pricing models Introduction, Portfolio Return: Two Asset Case Portfolio Risk Two Asset Case Minimum Variance Portfolio: Portfolio Return and Risk Portfolio Risk: Asset Case Risk Diversification Capital Asset Pricing Model (CAPM) and its implications and relevance FAMA-French 3 Factor Model	**12 Lectures**
Unit II	**Investment Decisions**	**1**
	Capital Budgeting Decisions Introduction, NPV Net Present Value and Calculation of NPV Internal Rate of Return, Accounting Rate of Return Payback: Discounted and Fake and Payback Scenario Analysis, Sensitivity Analysis and Break- Even Analysis	**11 Lectures**
Unit III	**Dividend Theory**	**1**
	Introduction Dividend Relevance: Walter's Model, Gorden's Model	**11 Lectures**

	Dividend Irrelevance: Miller- Modigliani Hypothesis Relevance of Dividend Policy under Market Imperfections	
Unit IV	**Cost of capital and capital structure**	**1**
	Determining components of Cost of Capital, Financial Leverage, Calculating Weighted Average Cost of Capital (WACC), Understanding the optimal capital structure – Modigliani Miller Hypothesis	**11 Lectures**

References:

Pandey I M   Essentials of Financial Management, 11th Ed , Vikas Publication

MODALITY OF ASSESSMENT

Theory Examination Pattern:

R) Internal Assessment - 40% : **40 marks**

Sr No	Evaluation type	Marks
1	One Assignment/Case study/Project	15
2	One class Test (multiple choice questions / objective)	20
3	Active participation in routine class instructional deliveries (case studies/ seminars/presentation)	05

B) External examination - 60 %

Semester End Theory Assessment - 60 marks

xxxv. Duration - These examinations shall be of **2 hours** duration.

xxxvi. Paper Pattern:

35. There shall be **four** questions each of **15** marks. On each unit there will be one question

36. All questions shall be compulsory with internal choice within the questions.

Questions	Options	Marks	Questions on
Q.1) A) B) C)	Any 2 out of 3	15	Unit I
Q.2) A) B) C)	Any 2 out of 3	15	Unit II
Q.3) A) B) C)	Any 2 out of 3	15	Unit III
Q.4) A) B) C)	Any 2 out of 3	15	Unit IV

Overall Examination and Marks Distribution Pattern

Semester VI

Course	606				Grand Total
	Internal	External	Total		
Theory	40	60	100	100	