

Govt. P.G. College for Women Rohtak
Department of Economics
Lesson Plan for the session 2022-22
Class: B.A. 2nd Year & 3rd Semester- Hons

Subject: Economics History of India

Name of Teacher: Dr P.K. Duhan

No of Weeks	Contents of the Syllabus
1 st Week	Why study economic history, the problems in interpreting India's past
2 nd Week	The state of the Indian Economy on the eve of independence
3 rd week	Indian Economy in the mid-nineteenth century
4 th week	Growth of the empire and systems of land settlements in the Colonial India
5 th week	Transformation of the traditional village – economy during the British rule
6 th week	Commercialization of agriculture – its causes and consequences
7 th week	Emergence of agricultural labour as a category, movement of agricultural wages and prices during the period – problems of rural indebtedness
8 th week	The state of industrial development in mid-nineteenth century India, the de-industrialization thesis –its statement and validity
9 th week	Emergence of modern capitalist industrial enterprise in India – Textile (Jute and Cotton), Iron & Steel, Cement, Coal, Tea
10 th week	Foreign capital in Colonial India – its extent and impact
11 th week	Foreign-trade-growth and composition; 'guided under-development' of India under the British rule
12 th week	Evolution of provincial finance, the nature and problem of public debt;
13 th week	Economic drain from India -form, extent and consequences.
14 th week	Problems and Collection of Assignment and presentation for internal Assessment.

Class: B.A. 3rd Year & 5th Semester- Hons

Subject: Basis of Financial Market

Name of Teacher: Dr P.K. Duhan

No of Weeks	Contents of the Syllabus
1 st Week	Financial Market and Functions-: Meaning, Classification of Financial Market
2 nd Week	The Role of Financial Markets in the Economy, Financial Instruments:

3 rd week	Nature Types and Properties of Financial instrument.
4 th week	Theories of interest rate determination : Classical and Keynesian
5 th week	Term structure of Interest rates: theories of interest rates structure
6 th week	Expectational theory, Segmentation theory.
7 th week	Call money market, Treasury bill market;
8 th week	Commercial bill market
9 th week	Market for gilt-edged Securities
10 th week	Markets for derivatives, futures and options
11 th week	Regulation of Financial Markets: Role and functions of Securities and Exchange Board of India, (SEBI),
12 th week	Insurance Regulatory and Development Authority (IRDA)
13 th week	Reserve Bank of India (RBI
14 th week	Problems and Collection of Assignment and presentation for internal Assessment.

Class: B.A. 2nd Year & 3rd Semester- Pass Course

Subject: Macro Economics

Name of Teacher: Dr P.K. Duhan

No of Weeks	Contents of the Syllabus
1 st Week	Introduction to Macroeconomics and National Income Accounting Macroeconomics:
2 nd Week	Nature and Scope; Macroeconomic Issues in an Economy.
3 rd week	Concepts of GDP and National Income; Measurement of National Income and Related Aggregates; Nominal and Real Income; Limitations of the GDP concept.
4 th week	Methods of measurement of India's National Income by CSO
5 th week	National Income Determination Actual and potential GDP
6 th week	Aggregate Expenditure –Consumption Function , Investment Function; Equilibrium GDP; Concepts of MPC , APC, MPS, APS
7 th week	Autonomous Expenditure; The Concept of Multiplier
8 th week	National Income Determination in an Open Economy
9 th week	National Income Determination in an Open Economy with Government Fiscal Policy - Impact of Changes in Govt.
10 th week	Expenditure and Taxes; Net Export Function; Net Exports and Equilibrium GDP.

11 th week	GDP and Price Level in Short and Long Run Aggregate Demand and Aggregate Supply;
12 th week	Multiplier Analysis with AD curve and Price level Changes;
13 th week	Aggregate Supply in Short Run and Long Run.
14 th week	Problems and Collection of Assignment and presentation for internal Assessment.

Class: B.Sc. Home Sc. 2nd Year & 3rd Sem.

Subject: Consumer Economics

Name of Teacher: Dr P.K. Duhan

1 st Week	Introduction to economics
2 nd Week	Basic concepts to economics- goods and services, wants, utility, consumption-meaning, laws of consumption
3 rd week	Income: Types of Income, Consumer and Consumption Standardization and grading
4 th week	Meaning and Laws of Consumption
5 th week	Demand and supply- laws and importance.
6 th week	Markets- types and functions of market.
7 th week	Consumer- definition, role of consumers in the economy,
8 th week	Consumer buying problems
9 th week	Consumer buying motives- primary selective, rational, emotional and patronage.
10 th week	adulteration , faulty weight and measures, false advertisements, incomplete label , monopoly and other malpractices in market
11 th week	Buying aids – labels , packaging and advertising ,buying guides ,role of educational institutions
12 th week	Introduction of Rights and responsibilities of consumer.
13 th week	Consumer education- meaning needs, objectives,media and the consumer. Laws for consumer protection ,consumer organizations
14 th week	Collection of Assignment and presentation for internal Assessment.

Class: M.A. Previous Economics 1st Year and & 1st Semester

Subject: Macro Economics

Name of Teacher: Dr P.K. Duhan

1 st Week	Determination of Output and Employment: Classical Approach – Output and Employment in Classical Theory; The Quantity Theory of Money and the Price
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	Level;
2 nd Week	Classical Model without saving and investment; Classical Model with saving and investment;
3 rd week	Keynesian Approach _ Two Sector Model, Three Sector Model and Four Sector Model
4 th week	Determination of Output and Employment: The Extended Model (Hicks-Henson Synthesis): Fixed Price Level – The goods Market and The Money Market.
5 th week	Equilibrium in Goods Market and Money Market; Changes in Aggregate Demand; Govt. spending, Taxation and Aggregate Demand
6 th week	The IS-LM Elasticities and Monetary Fiscal Policies
7 th week	The Extended Model: Variable Price Level – Deviation of Aggregate Demand Curve and Determination of equilibrium price and output levels; wage-price flexibility and the Full Employment equilibrium
8 th week	Monetary – Fiscal policies and the Full-Employment Equilibrium
9 th week	Behavioral Foundation: Theories of consumption – The Absolute Income Hypothesis, The Relative Income Hypothesis
10 th week	The Permanent Income Theory of Consumption; The Life cycle theory of consumption;
11 th week	Theories of Investment – The Present Value of Criterion for investment;
12 th week	The Marginal Efficiency of Capital and Investment; the accelerator theory; financial Theory of investment.
13 th week	Collection of Assignment and presentation for internal Assessment
14 th week	Collection of Assignment and presentation for internal Assessment.

Class: M.A. Previous Final 2nd Year & 3rd Semester

Subject: Financial Institutions and Market

Name of Teacher: Dr P.K. Duhan

1 st Week	Nature and Role of Financial System and Structure of Interest Rates
2 nd Week	Money and finance-Money and near-money
3 rd week	Financial intermediation and financial intermediaries

4 th week	The structure of the financial development.
5 th week	Equilibrium in Financial Markets - Financial System and Economic Development
6 th week	Criteria to evaluate assets: Risk and financial assets, types of risk, return on assets,
7 th week	Risk - Return trade off - Valuation of securities.
8 th week	Theories of interest rate determination - Level of interest rates - Long period and Short period rates
9 th week	Term Structure of Interest rates - Theories of interest rates structure - Expectational theory - Segmentation theory
10 th week	Administered interest rates - Appropriate interest rate policy
11 th week	Banks, Monetary Policy and Non-Bank Financial Interest diaries.
12 th week	Functions of Central Bank - The aims and objectives of the monetary policy in developed and developing countries.
13 th week	Collection of Assignment and presentation for internal Assessment.
14 th week	Collection of Assignment and presentation for internal Assessment.

Govt. P.G. College for Women Rohtak
Department of Economics
Lesson Plan for the session 2022-22
Class: B.A. 2nd Year & 3rd Semester- Hons

Subject: Development Economics

Name of Teacher: Dr Satyawan Jatain

No of Weeks	Contents of the Syllabus
1 st Week	Basic Concepts of Economic Development: Economic Growth and Development,
2 nd Week	Concept of underdevelopment and basic characteristics; Determinants
3 rd week	Measurement indicators (PQLI and HDI) of economic development:
4 th week	Sustainable economic development.
5 th week	Theories of Economic Development: Adam Smith,
6 th week	Karl Marx
7 th week	Schumpeter.
8 th week	Development Approaches to Development: Vicious Circle of Poverty, Lewis dual economy model
9 th week	Lewis dual economy model,
10 th week	Lebenstein critical minimum effort theory,
11 th week	Balanced vs. unbalanced growth theories.
12 th week	Economic Planning and Policy: Development planning: rationale,
13 th week	Strategies and objectives of planning; Role of state and Capital formation in economic development
14 th week	Problems and Collection of Assignment and presentation for internal Assessment.

Class: Class: B.A. 2nd Year & 3rd Semester- Hons

Subject: STATISTICS FOR ECONOMIC ANALYSIS-

Name of Teacher: Dr Satyawan Jatain

No of Weeks	Contents of the Syllabus
1 st Week	Introduction: Basic concepts: Population, Sample, Parameter, Statistic, frequency distribution,
2 nd Week	Cumulative frequency distribution; Graphic and diagrammatic representation of data; Techniques of data collection .Census and Sampling method.
3 rd week	Sampling and Non-Sampling Errors.Primary and secondary data.
4 th week	Measures of Central Tendency: A.M.,

5 th week	G.M., H.M.,
6 th week	Median, Quartiles, Deciles, Percentiles,
7 th week	Mode
8 th week	Measures of dispersion: range, inter-quartile range,
9 th week	quartile deviation, mean deviation
10 th week	variance, standard deviation, Lorenz curve,
11 th week	Skewness and Kurtosis, moments
12 th week	Index numbers : Concept, price relative, quantity relative and value relative, Laspeyer's,
13 th week	Paasche's and Fisher's index numbers; Family budget method. Problems in the construction and Limitations of index numbers; Tests of an ideal index number. Chain indices or Chain base Index Numbers. Base Shifting, and Deflating of Index Numbers .Cost of Living Index Numbers
14 th week	Problems and Collection of Assignment and presentation for internal Assessment.

Class: B.A. 3rd Year & 5th Semester- Pass Course

Subject: Economics of Agriculture

Name of Teacher: Dr Satyawan Jain

No of Weeks	Contents of the Syllabus
1 st Week	Introduction: Definition, scope and nature of agricultural economics; Need for a separate study of agricultural economics
2 nd Week	Agricultural Linkages with other sectors, Role of agriculture in economic development
3 rd week	Declining importance of agriculture in Economic development
4 th week	Production Function Analysis: Facto-Product, Factor-Factor
5 th week	Product-Product relationship.
6 th week	Types of farm organizations and organizations and their comparative production efficiency.
7 th week	Transformation of Agriculture
8 th week	Schultz thesis of transformation of traditional agriculture
9 th week	Green Revolution in Indian agriculture.
10 th week	Agricultural Markets: Aim, Types and Functions of agricultural markets, Criteria for judging efficiency of agricultural market systems.
11 th week	Agricultural Credit: Importance of credit, Need for Government intervention, agricultural credit system in India.
12 th week	Agricultural Price Policy: Need, Objectives, and instruments of agricultural price policy;
13 th week	Agricultural price policy in India.

14 th week	Problems and Collection of Assignment and presentation for internal Assessment.
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Class: M.A. Previous 1st Year and & 1st Semester

Subject: Mathematics for Economists

Name of Teacher: Dr Satyawan Jatain

1 st Week	Basics: real number system,
2 nd Week	Sets and set operations, relations and functions, inverse functions; solution of linear equations in two variables, solution of quadratic equation
3 rd week	logarithms and exponents; exogenous and endogenous variables.
4 th week	Fundamentals of Matrices
5 th week	Determinants. Solution of a system of upto 3 equations by matrix inversion, Cramer's rule.
6 th week	Input-Output analysis – Static open model.
7 th week	Differentiation – idea of limit (but not its evaluation) meaning and economic interpretations of derivative.
8 th week	Rules of differentiation including logarithmic
9 th week	Exponential functions.
10 th week	Unconstrained optimization – single choice variable,
11 th week	Global and local. Calculus of multivariable functions,
12 th week	Higher order derivatives
13 th week	Constrained optimization with upto 2 equality constraints
14 th week	Problems and Collection of Assignment and presentation for internal Assessment.

Class: M.A. Final 2nd Year & 3rd Semester

Subject: Economics of Agriculture

Name of Teacher: Dr Satyawan Jatain

1 st Week	Agricultural Economics and Economic Development: Definition of agricultural Economics, its scope and nature
2 nd Week	Regional disparities in Indian agriculture; Difference between agriculture and Industry;
3 rd week	Need for a separate study of Agricultural Economics. Agriculture and Economic Development: Role of agriculture in Economic Development;
4 th week	Contribution of industry to the development of agriculture; Interdependence of agriculture and industry.
5 th week	Approaches to Agriculture Development: Schultz,
6 th week	Mellor, Boserup,
7 th week	Lewis and Ranis-Fie
8 th week	Economics of Agriculture Production: The Production Function;Factor-Product Relationship
9 th week	Factor-Factor Relationship; Product- Product Relationship. Equilibrium of the capitalist form, peasant family farm and share tenant farm.
10 th week	Analysis for Farm Management: The Production Function Approach;

11 th week	Farm-budgeting Approach. Measures of Farm Efficiency;
12 th week	Supply response in agriculture
13 th week	Size of the farm and Productivity Debate.
14 th week	Collection of Assignment and presentation for internal Assessment.

Dr Satyawan Jatain

**Department of Economics
Govt. P.G. College for Women Rohtak**

Govt. P.G. College for Women Rohtak
Department of Economics
Lesson Plan for the session 2022-23
Class: BBA 1st Year 1st semester

Subject: Micro Economics

Name of Teacher: Dr. Monika

No. of Weeks	Content of the Syllabus
1 st Week	Nature of Economics, Micro and Macroeconomics
2 nd Week	Theory of Demand, Elasticity of Demand.
3 rd week	Theory of Supply, Competitive Equilibrium, Utility Analysis
4 th week	Indifference Curve Approach, Production Function, Oral Test
5 th week	Isoquant Curves, Revenue Curves
6 th week	Theory of Costs, Location of Industries
7 th week	Growth of a Business Firm and Optimum Size of the Firm, Forms of Market, Oral Test
8 th week	Perfect Competition, Equilibrium of Firm and Industry under Perfect Competition
9 th week	Monopoly, Monopolistic Competition
10 th week	Production - Characteristics of Various Factors of Production, Rent, Oral Test
11 th week	Marginal Productivity Theory of Distribution/Factor Pricing
12 th week	Wage, Interest
13 th week	Profit, Written Test.

Class: B.Com. 1st Year 1st Semester- Hons

Subject: Fundamentals of Economics

Name of Teacher: Dr. Monika

No. of Weeks	Content of the Syllabus
1 st Week	Theory of Demand
2 nd Week	Elasticity of Demand
3 rd week	Revenue and Elasticity of Demand
4 th week	Revenue and Elasticity of Demand, Oral Test
5 th week	Supply and Elasticity of Supply
6 th week	Utility Analysis

7 th week	Indifference Curve Analysis and Consumer's Equilibrium
8 th week	Indifference Curve Analysis and Consumer's Equilibrium, Oral Test
9 th week	Consumer's Surplus
10 th week	Theory of Revealed Preference
11 th week	Theory of Revealed Preference, Oral Test
12 th week	Theory of Production
13 th week	Isoquants and Producer's Equilibrium, Written Test

Class: B.A. 1st Year 1st Semester- Pass Course

Subject: Micro Economics

Name of Teacher: Dr. Monika

No. of Weeks	Content of the Syllabus
1 st Week	Nature and Scope of Economics
2 nd Week	The Economic Problem: Scarcity and Choice
3 rd week	Economic Organisation and Economic Systems, Oral Test
4 th week	Micro and Macro Economics
5 th week	Concepts of Demand and Law of Demand
6 th week	Elasticity of Demand
7 th week	Consumer Theory- Cardinal Utility Analysis, Oral Test
8 th week	Ordinal Utility Theory: Indifference Curve Approach
9 th week	Firms as Agents of Production
10 th week	Production Function and Laws of Production
11 th week	Isoquant Curves and Producer's Equilibrium, Oral Test
12 th week	Concepts of Supply and Law of Supply, Theory of Costs
13 th week	Concepts of Revenue, Written Test

Class: M.A. 1st Year 1st Semester

Subject: Economics of Growth and Development

Name of Teacher: Dr. Monika

No. of Weeks	Content of the Syllabus
1 st Week	Factors affecting Economic Growth: capital, labour and technology
2 nd Week	Historical Perspective of Economic Growth and its relevance

3 rd week	Structural Diversity and common characteristics of developing nations
4 th week	Structural Diversity and common characteristics of developing nations, Oral Test
5 th week	Measuring Development: Income Measures, Basic Needs Approach
6 th week	PQLI and HD and Capabilities Approach,
7 th week	Poverty, Inequality and Development: Measurement, Impact and Policy options.
8 th week	Development Gap: concepts and measurement.
9 th week	Contributions of Adam Smith, Ricardo, Karl Marx, and Schumpeter
10 th week	Contributions of Adam Smith, Ricardo, Karl Marx, and Schumpeter, Oral Test
11 th week	Harrod and Domar: Instability of equilibrium
12 th week	Neo Classical Growth Models: Solow and Meade
13 th week	Growth Models of Joan Robinson and Kaldor, Written Test.

Class: B.A. Economics 3rd Year 5th Semester

Subject: Econometrics

Name of Teacher: Dr. Monika

No. of Weeks	Content of the Syllabus
1 st Week	Definition. Scope, and Methodology of econometrics.
2 nd Week	Nature and sources of data for econometric analysis
3 rd week	Specification of an econometric model.
4 th week	Simple Regression Models: Estimators (OLS) and their properties
5 th week	Statistical inference
6 th week	Tests of significance and tests of restrictions
7 th week	Econometric Problems: Nature, consequences, detection and remedial measures of the problems of multicollinearity, heteroscedasticity and autocorrelation.
8 th week	Econometric Problems: Nature, consequences, detection and remedial measures of the problems of multicollinearity, heteroscedasticity and autocorrelation, Oral Test.
9 th week	Test Procedures and Model Selection: Tests of specification and mis-specification, measurement errors, encompassing models, and criteria for model selection.
10 th week	Test Procedures and Model Selection: Tests of specification and mis-specification, measurement errors, encompassing models, and criteria for model selection.
11 th week	Dynamic Models: Lags in econometrics, Distributed and autoregressive lags, Koyck model.

12 th week	Simultaneous Equation Models: Introduction, Identification problem, Simultaneous equation bias and ILS and 2SLS methods of estimation.
13 th week	Simultaneous Equation Models: Introduction, Identification problem, Simultaneous equation bias and ILS and 2SLS methods of estimation, Written Test.

Lesson Plan

Class –M.A Eco I

Faculty –Pooja

Subject –Micro Economics I

Time Period	Topics
Week,1	Nature. Scope and methodology of Economics
Week, 2	Role of assumptions in economic analysis, circular flow of economic activity,
Week, 3	Equalbrium, margin and slope
Week, 4	Theories related with consumer behaviour
Week, 5	Market demand curve, consumer surplus
Week, 6	Laws of production
Week, 7	Concepts of cost and related theories
Week, 8	Cobb Douglas production function and Cess production function
Week, 9, 10	Pricing policies of markets Perfect competition
Week, 11	Monopoly and monopolistic competition
Week, 12	Welfare effects of price control, price support, production quota
Week 13	Revision

Lesson Plan

Class – M. A II Eco

Faculty –Pooja

Subject –INTERNATIONAL TRADE AND FINANCE I

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	PURE THEORY OF INTERNATIONAL TRADE
Week, 2	MODERN THEORY OF INTERNATIONAL TRADE
Week, 3	FACTOR PRICE EQUALIZATION
Week, 4	KRAVIS AND LINDER THEORY OF TRADE
Week, 5	RYBCZYNSKI THEORM
Week, 6	INTRA INDUSTRY TRADE
Week, 7	GAINS FROM TRADE
Week, 8	TERMS OF TRADE
Week, 9	THEORY OF INTERVENTION,S TARIFF QUOTA AND NON TARIFF BARRIERS
Week, 10	BALANCE OF PAYMENTS
Week 11	FIXED AND FLEXIBLE EXCHANG RATES
Week, 12	EXPENDITURE SWITCHING AND EXPENDITURE REDUCING POLICIES
Week 13	ABSORBTION AND MONETARY APPROCH

Lesson Plan

Class – B. A I Eco hons

Faculty –Pooja

Subject -Indian Economy

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	Basic features of Indian economy
Week, 2	Economic planning in India
Week, 3	Problem of over population and population control
Week, 4	Features of India's population
Week, 5	Structural changes in the distribution of income and wealth
Week, 6	Poverty in India
Week, 7	Unemployment in india
Week, 8	Agriculture in India
Week, 9, 10	Green revolution
Week, 11	Revision
Week, 12	Tests and assignments
Week 13	Tests and assignments

Lesson Plan

Class – B. A I Eco hons

Faculty –Pooja

Subject –Micro Economics

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	Nature. Scope and methodology of Economics
Week, 2	Basic economic problems
Week, 3	Demand analysis
Week, 4	Elasticity of demand
Week, 5	Cardinal utility analysis
Week, 6	Indifference curve analysis
Week, 7	Revealed preference theory
Week, 8	Production function
Week, 9, 10	Isoquants curve and producers equilibrium
Week, 11	Cost theory
Week, 12	Perfect competition
Week 13	Monopoly and monopolistic competition

Lesson Plan

Class – B. A III Eco hons

Faculty –Pooja

Subject –HISTORY OF ECONOMIC THOUGHT

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	NATURE AND IMPORTANCE OF ECONOMIC THOUGHT
Week, 2	NERCANTILISM;VIEWS ON TRADE
Week, 3	NERCANTILISM;VIEWS ON MONEY AND PRICE
Week, 4	PHYSIOCRACY
Week, 5	PHYSIOCRACY
Week, 6	CLASSICAL POLITICAL ECONOMY; ADAM SMITH
Week, 7	RICARDIAN ECONOMICS
Week, 8	RICARDIAN ECONOMICS
Week, 9	J.S MILL THEORY
Week, 10	MILL'S THORY OF VALUE
Week 11	CLASSICAL STATIONARY STALL WITH SPECIAL REFARENCE TO MILL'S VIEWS
Week, 12	REVISION
Week 13	REVISION

Lesson Plan

Class – B. A II Eco hons

Faculty –Pooja

Subject –WELFARE ECONOMICS I

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	BENTHAMITE APPROACH TO AGGREGATE WELFARE
Week, 2	BENTHAMITE APPROACH
Week, 3	OPTIMUM RESOURCE ALLOCATION
Week, 4	OPTIMUM RESOURCE ALLOCATION
Week, 5	CONSUMER SURPLUS
Week, 6	MARSHALL WELFARE ECONOMICS
Week, 7	PRINCIPLE OF COMPENSATION G VARIATION
Week, 8	HICKS CONCEPTS OF CONSUMER SURPLUS
Week, 9	CONSUMER SURPLUS AND TAX-BOUNTY ANALYSIS
Week, 10	REVISION
Week 11	REVISION
Week, 12	REVISION
Week 13	REVISION

Name of College: GCW Rohtak

Session: 2022-23

Name of Assistant Professor: Dr. Yogesh

Class: M.A. Eco. (Previous) 1st Sem

Subject: Statistics

Month	Description of the Syllabus to be covered	Other activities
19 September to 18 October	Diagrammatic and graphic representation of statistical data. Measures of central tendency: A.M., G.M., H.M., Median, quartiles, deciles, percentiles, mode, relationship between A.M., G.M. and H.M., Selection of an average, Limitations of Averages.	Classroom Quiz
19 Oct. to 18 November	Measures of dispersion: range, interquartile range, quartile deviation, mean deviation, standard deviation, standard deviation of the combined series, variance, coefficient of variation, relation between various measures of dispersion, Lorenz curve, skew ness and Kurtosis, moments	Unit Test
19 November to 18 Dec.	Index numbers: Problems and methods of construction of various types of indices, Laspeyres, Pasche's and Fisher's ideal index numbers, Time reversal, factor reversal and circular tests; chain base indices, base shifting splicing and deflating the index nos., costs of living index numbers and consumer price index numbers. Time series: components of time series and their decomposition, Methods of measuring trend, cyclical, seasonal and irregular variation.	Group discussion
19 Dec. to 24 Jan.	Random experiment, random variable, sample space, events, fundamental principles of counting, classical, relative frequency and axiomatic approaches to probability, basic results on probability, conditional probability, Baye's thereon.	Unit Test

Name of College: GCW Rohtak

Session: 2022-23

Name of Assistant Professor: Dr. Yogesh

Class: M.A. Eco.(Final) 3rd Sem

Subject: Public Economics

Month	Description of the Syllabus to be covered	Other activities
19 September to 18 October	Economic rationale of government, fiscal functions; market failures: imperfections, decreasing costs, externalities and public goods; concepts of private goods, pure public goods, mixed goods and merit goods; theory of public goods; free Rider's problem, the optimal provision of public goods, contributions of Samuelson and Musgrave. Lindhal equilibrium; public choice and fiscal decision making, voting systems, majority voting.	Classroom Quiz
19 Oct. to 18 November	Budgeting: various concepts, reforms in expenditure budgeting, zero based budgeting and performance budgeting. Budgets of the Union Government in India, budget making process in India; public expenditure in India: trends and issues.	Unit Test
19 November to 18 Dec.	Public Expenditure: structure and growth of public expenditure; Wagner's hypothesis, Peacock- Wiseman hypothesis; economic effects of public expenditure; criteria for public investment, social cost-benefits analysis: valuation of benefits and costs, discount rate.	Group discussion
19 Dec. to 24 Jan.	Theory of Taxation: Various approaches to taxation, neutrality, equity, ability to pay, benefit principle, revenue maximization, income maximization; analysis of incidence of taxes, elasticity, buoyancy and taxable, capacity, efficient tax design: optional taxation, effects of taxation on work effort, savings, investment and growth; classification of taxes: direct and indirect taxes, progressive, proportionate and regressive taxes, Advalorem and specific taxes; tax systems in India; structure, composition and various economic issues.	Unit Test

Name of College: GCW Rohtak

Session: 2022-23

Name of Assistant Professor: Dr. Yogesh

Class: B.Com (Pass) 1st sem Section: B

Subject: Business Economics

Month	Description of the Syllabus to be covered	Other activities
22 August to 18 Sep	Introduction: Basic problem of an economy: working of price mechanism. Elasticity of demand; concept and measurement of elasticity of demand, price, income and cross elasticity; Average revenue; marginal revenue and elasticity of demand; determinants of elasticity of demand; importance of elasticity of demand.	Classroom Quiz
19 Sept.to 18 Oct.	Production Function: Law of variable proportions; Isoquants; Economic regions and optimum factor combination; expansion path; returns to scale; Internal and external economies and diseconomies; Ridge lines.	Unit Test
19Oct.to 18 Nov.	Theory of costs: concepts of cost; Short run and Long run cost curves- Traditional and Modern approaches.	Group discussion
19 Nov.to18 Dec	Market Structure: Market structures and Business decisions; objectives of business firm.	Unit Test

Name of College: GCW Rohtak

Session: 2022-23

Name of Assistant Professor: Dr. Yogesh

Class: B.A.(Eco. Hons)3rd Sem

Subject: Macro Economics

Month	Description of the Syllabus to be covered	Other activities
22 August to 18 Sep	Unit-I Introduction: Nature and Scope of Macro Economics, Difference between Micro and Macro Economics and Importance of Macro Economics. National Income: Concepts, Measurement and limitations of National Income Statistics, Circular flow of income in two, three and four sector economy	Classroom Quiz
19 Sept.to 18 Oct.	Determination of Income and Employment: Classical theory of Income and Employment determination, Keynes objections to Classical Theory, Keynesian Theory of Income and Employment determination.	Unit Test
19Oct.to 18 Nov.	Consumption: Consumption Function, Technical Attributes of Consumption, Keynesian Psychological Law of Consumption and its Implications. Income – Consumption Relationship: Absolute and Relative Income Hypothesis and Permanent Income Hypothesis.	Group discussion
19 Nov.to 18 Dec	Investment Function: Types of Investment, Determination of level of Investment, Marginal Efficiency of Capital (MEC). Theories of Investment: Classical and Keynesian Theory of Investment (Marginal Efficiency of Investment), Saving –Investment Equality.	Unit Test

Name of College: GCW Rohtak

Session: 2022-23

Name of Assistant Professor: Dr. Yogesh

Class: B.A.(Eco. Hons)5th Sem

Subject: International mTrade and Finance

Month	Description of the Syllabus to be covered	Other activities
22 August to 18 Sep	Trade Theories and Commercial Policy: Theories of absolute advantage, comparative advantage and opportunity cost: Hecksher-Ohlin theory of trade-its main features, assumptions and limitations.	Classroom Quiz
19 Sept.to 18 Oct.	Balance of Trade and Balance of Payments: Concepts and components of balance of trade and balance of payments; Equilibrium and disequilibrium in balance of payments: Various measures to correct deficit in the balance of payment.	Unit Test
19 Oct.to 18 Nov.	Exchange Rate: Meaning, concept of equilibrium exchange rate and determination: Fixed versus flexible exchange rates: Managed floating exchange rate.	Group discussion
19 Nov.to 18 Dec	International Monetary System and International Institutions: Brettonwood systems and its breakdown, International liquidity Special drawing rights, I.M.F.	Unit Test

Lesson Plan

Class – B.A.(Honours) 1st semester

Faculty – Dr. Bhupinder

Subject – Mathematics For Economic Analysis-1

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	Basic :real number system, sets and set operations
Week, 2	Relations and functions, inverse functions
Week, 3	Solutions of linear equations in two variables, solutions of quadratic equations
Week, 4	Logrithms and exponents, exogenous variables
Week, 5	Fundamentals of Marices,Determinants,
Week, 6	Solutions of a system of upto 3 equations by matrix inversion and cramers rule ,Input output analysis-Static open model
Week, 7	Differentiation-idea of limit, meaning and economic interpretations of derivative
Week, 8	Rules of differentiation including logarithmic and exponential functions
Week, 9, 10	Unconstrained optimization-single choice variable
Week, 11	Global and local
Week, 12	Calculus of multivariable functions, higher order derivatives
Week 13	Constrained optimization with upto 2 equality constrsints

Lesson Plan

Class – B.A.-5th semester (Pass Course)

Faculty – Dr. Bhupinder

Subject –Development Economics

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	Features of under developing countries, Economic growth and development
Week, 2	Determinations, measurement obstacles of Economic development
Week, 3	Vicious circle of poverty, balanced growth theory
Week, 4	Unbalanced growth theory, Lewis model
Week, 5	Leibenstein's critical minimum effort Thesis
Week, 6	Environment, meaning, Features and components of Environment
Week, 7	Scope of Environmental Economics as a necessity and luxury
Week, 8	Population-Environment linkage, Features of Environment as a public good
Week, 9, 10	Natural resources environment pollution types and causes and effects, control policies
Week, 11	Environmental legislation in India,Sustainable Development
Week, 12	Meaning, Indicators, measurement and importance of sustainable development
Week 13	Revision and tests

Lesson Plan

Class – B.Com.1st Semester

Faculty – Dr. Bhupinder

Subject –Business Economics

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	Basic problem of an economy,working of price mechanism
Week, 2	Concept of elasticity of demand, measurement
Week, 3	Importance, Determinants of elasticity of demand, average, marginal revenues and elasticity of demand
Week, 4	Elasticity of supply, production function
Week, 5	Law of variable proportion, Isoquants,
Week, 6	Economic regions and optimum factor combination, expansion path
Week, 7	Returns to scale, Internal and external economies and diseconomies, ridge lines
Week, 8	Theory of cost, concepts of cost, short run and long run cost curves
Week, 9, 10	Traditional and Modern theories
Week, 11	Theories of consumers behaviour utility curve analysis
Week, 12	Theory of consumer behaviour -Indifference curve analysis
Week 13	Market classification and structure

Lesson Plan

Class – M.A.Final

Faculty – Dr. Bhupinder

Subject –Indian Economy-1

Lesson Plan Duration – From September 6 ,2022 to December 15, 2022

Time Period	Topics
Week,1	Features of Indian Economy, Nature and characteristics
Week, 2	Planning, objectives and strategies
Week, 3	Failures and achievements of plans
Week, 4	Basic economic indicators, Trends in prices and money supply
Week, 5	Institutional structure: Land reforms in India; Agricultural Marketing
Week, 6	Warehousing, Issues in food security, policies for sustainable agriculture
Week, 7	Agricultural finance policy, Agricultural price policy
Week, 8	Theory of population; Mthusion theory, demographic transition, population as limits to growth and as ultimate source
Week, 9, 10	Measurement of fertility, total fertility rate,gross and net reproduction rate-Age pyramids, population projectionable, stationary and quasi stationary population,
Week, 11	Characteristics of Indian population through recent census
Week, 12	Financial sector:Monetary policy of RBI;Money and capital markets, Growth and problem:Role of commercial banks in India; banking sector reforms since 1991
Week 13	Revision and tests