

Govt. P.G. College for Women Rohtak
Department of Economics
Lesson Plan for the session 2024-25
Class: B.A. 1st Year & 1st Semester- (Single Major)

Subject: Macro Economics

Name of Teacher: Dr P.K. Duhan

| No of Weeks | Contents of the Syllabus |
|-----------------------|---|
| 1 st Week | Nature and Scope of Macro Economics |
| 2 nd Week | Importance of Macro Economics and National Income Measurement |
| 3 rd week | Circular flow of Economic activities in different sectors |
| 4 th week | Classical Theory |
| 5 th week | Keynesian objection to classical Theory |
| 6 th week | Keynesian Theory |
| 7 th week | Consumption Function |
| 8 th week | Income Consumption Hypothesis |
| 9 th week | Continued |
| 10 th week | Investment Function and MEC |
| 11 th week | Theory of Investment |
| 12 th week | Saving and Invest equality |
| 13 th week | MEI and related |
| 14 th week | Revision, Assignments and Test etc. |

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

Subject: Macro Economics Name of Teacher: Dr P.K. Duhan

| No of Weeks | Contents of the Syllabus |
|----------------------|---|
| 1 st Week | Nature and Scope of Macro Economics |
| 2 nd Week | Importance of Macro Economics and National Income Measurement |
| 3 rd week | Circular flow of Economic activities in different sectors |
| 4 th week | Classical Theory |

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|-----------------------|---|
| 5 th week | Keynesian objection to classical Theory |
| 6 th week | Keynesian Theory |
| 7 th week | Consumption Function |
| 8 th week | Income Consumption Hypothesis |
| 9 th week | Continued |
| 10 th week | Investment Function and MEC |
| 11 th week | Theory of Investment |
| 12 th week | Saving and Invest equality |
| 13 th week | MEI and related |
| 14 th week | Revision, Assignments and Test etc. |

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.Sc. Home Sc. 2nd Year & 3rd Sem.

Subject: Consumer Economics**Name of Teacher: Dr P.K. Duhan**

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| 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**

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|----------------------|---|
| 1 st Week | Determination of Output and Employment: Classical Approach – Output and Employment in Classical Theory; The Quantity Theory of Money and the Price 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. |

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| 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

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| 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 - |

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| | 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 2024-25
Class: B.A. 1st Year & 1st Semester(Single Major)

Subject: Micro Economics

Name of Teacher: Dr Satyawan Jatain

| No of Weeks | Contents of the Syllabus |
|-----------------------|---|
| 1 st Week | Economic Problems, Economic System and Organization |
| 2 nd Week | Demand –Determinants and Elasticity |
| 3 rd week | Importance and Economic System |
| 4 th week | Consumer Behavior Theory- Cardinal |
| 5 th week | Consumer Behavior Theory-Ordinal |
| 6 th week | Price , income and Substitution Effect etc. |
| 7 th week | Law of production |
| 8 th week | Isoquants and its related concepts |
| 9 th week | Elasticity of Supply, Economies and Diseconomies |
| 10 th week | Cost analysis |
| 11 th week | Modern theory of Costs |
| 12 th week | Revenue analysis |
| 13 th week | Break Even Analysis |
| 14 th week | Revision, Assignments and Test etc. |

Class: B.A. 1st Year & 1st Semester (Single Major)

Subject: Skill Enhancement**Name of Teacher: Dr Satyawan Jatain**

| No of Weeks | Contents of the Syllabus |
|-----------------------|---|
| 1 st Week | Meaning and Types of Data |
| 2 nd Week | Qualitative and Quantity data |
| 3 rd week | Primary and Secondary Data |
| 4 th week | Sources of Primary data |
| 5 th week | Methods of Collecting data |
| 6 th week | Advantages and limitation of Primary Data |
| 7 th week | Sources of Secondary data |
| 8 th week | Report Published by various commission |
| 9 th week | Report Published by International Agencies |
| 10 th week | Advantages and limitation of Secondary Data |
| 11 th week | Dissipative statistics for data analysis |
| 12 th week | Frequency Distribution |
| 13 th week | Data Presentation |
| 14 th week | Revision, Assignments and Test etc. |

Class: B.A. 3rdYear &5thSemester- Pass Course**Subject: Economics of Agriculture****Name of Teacher: Dr Satyawan Jatain**

| 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. |

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| 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. |

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

Subject: Mathematics for Economists Name of Teacher: Dr Satyawan Jatain

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| 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. AP and GP |
| 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

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| 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. |

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| 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**

Name of College: GCW Rohtak

Session:2024-25

Name of Assistant Professor: Dr. Yogesh

Class: M.A. Eco. (First Year) 1st Sem.Subject: MicroEconomics

| Month | Description of the Syllabus to be covered | Other activities |
|------------------|---|-------------------------|
| 12 Aug to 15 Sep | Nature and scope of Economics and Microeconomics. Positive and normative analysis. Role of assumptions in economic analysis. Circular flow of economic activity. Concepts of: household, firm, factors of production, equilibrium – partial and general, static, comparative static and dynamic analysis, margin and slope. Elasticity – need and measures – Relationship between revenue and elasticity. | Classroom Quiz |
| 16 Sep to 14 Oct | Analysis of consumer behaviour, demand function, law of demand – cardinal, ordinal and revealed preference approaches, income-consumption curve, Engel curve, substitute and complimentary goods. Market demand curve; consequences of Bandwagon, Snob and Veblen effect. Concept of consumer surplus. | Unit Test |
| 15 Oct to 12 Nov | Laws of Production: short run and long run. Internal and External economies and diseconomies. Concept of cost, derivation of short and long run cost curves. Optimum input combination Simple case of a multiproduct firm. Technical progress and production function – Hick's classification. Elasticity of substitution. Properties of Cobb-Douglas and CES production function. | Group discussion |

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| 13 Nov to 30 Nov | Pricing process and equilibrium of firm and industry under perfect competition, monopoly (including discriminating and bilateral monopoly), monopolistic competition. Welfare effects of price control, price support and production quota. | Unit Test |
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Name of College: GCW Rohtak Session:2024-25

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 |
|---------------------|---|------------------|
| 01 Aug to 25 Aug | 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. Lindahl equilibrium; public choice and fiscal decision making, voting systems, majority voting. | Classroom Quiz |
| 26 Aug to 20 Sep | 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 |
| 21 Sep to 12 Nov | 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 |
| 13 Nov to 30 Nov | 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:2024-25

Name of Assistant Professor: Dr. Yogesh

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

| Month | Description of the Syllabus to be covered | Other activities |
|----------------------|---|------------------|
| 22 July to 20 Aug | Introduction: Basic concepts: Population, Sample, Parameter, Statistic, frequency distribution, Cumulative frequency distribution; Graphic and diagrammatic representation of data; Techniques of data collection .Census and Sampling method. Sampling and Non-Sampling Errors.Primary | Classroom Quiz |

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| | and secondary data. | |
| 21 Aug to 20 Sep | Measures of Central Tendency: A.M., G.M., H.M., Median, Quartiles, Deciles, Percentiles, Mode | Unit Test |
| 21 Sep to 20 Oct | Measures of dispersion: range, inter-quartile range, quartile deviation, mean deviation, variance, standard deviation, Lorenz curve, skewness and Kurtosis, moments | Group discussion |
| 21 Oct to 22 Nov | Index numbers : Concept, price relative, quantity relative and value relative, Laspeyer's, 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. | Unit Test |

Lesson Plan

Class – B.A.(Hons.) 3rd semester

Faculty – Dr. Bhupinder

Subject –Development Economics-1

Lesson Plan Session – 2024-25

| Time Period | Topics |
|----------------|---|
| Week,1 | Basic concepts of economic development, economic growth and development, concepts of Under development and basic characteristics. |
| Week, 2 | Determinants and Measurement indicator(PQLI and HDI)of economic development |
| Week, 3 | Sustainable economic development, Adam Smith theory of economic development |
| Week, 4 | Karlmarx and Schumpeter theories of economic development |
| Week, 5 | Development approaches to development: Vicious circle of poverty, Lewis dual economy model. |
| Week, 6 | Lebenstein critical minimum effort theory, balance grow theory |

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| Week, 7 | Unbalance growth theory ,economic planning and policy |
| Week, 8 | Development planning, rationally, strategies of economic planning |
| Week, 9, 10 | Objectives of planning: role of state in economic development |
| Week, 11 | Capital formation ine economic development |
| Week, 12 | Test and revision of the syllabus |
| Week 13 | Assignment work |
| Week 14 | Test and revision of the syllabus |

Lesson Plan

Class – B.A
(pass) 3rd

Semester

Faculty – Dr. Bhupinder

Subject -Macro Economics

Lesson Plan Session 2024-25

| Time Period | Topics |
|--------------------|---|
| Week, 1 | Macro economics ,Nature and scope of microeconomics, issues in an economy |
| Week, 2 | Concepts of GDP and national income ,measurement of National income and related aggregates |
| Week, 3 | Nominal and real income, limitation of the GDP concepts |
| Week,4 | Methods of measurement of India's national income by cso ,actual and potential GDP |
| Week, 5 | Aggregate expenditure ,consumption function, investment function, equilibrium GDP |
| Week, 6 | Concepts of MPC, APC ,MPS, APS. Autonomous expenditure, the concept of Multiplier |
| Week, 7 | National income, determination in an Open Economy, with government physical policy impact of changes in government expenditure and Taxes, net export function, net exports and equilibrium GDP |
| Week, 8 | GDP and price level in short and long run |
| Week,9 | Aggregate demand and aggregate supply |
| Week,10 | Multiplier analysis with AD curve and price level changes |
| Week, 11 | Aggregate supply in short run |
| Week,12 | Aggregate supply in long run |
| Week, 13 | Revision and test of the whole syllabus |

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| Week 14 | Assignment works |
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Lesson Plan

Class – M.A(P). 1st semester

Faculty – Dr. Bhupinder

Subject –Economics of Growth and Development-1

Lesson Plan Session – 2024-25

| Time Period | Topics |
|--------------------|---|
| Week,1 | Basic concepts of economic development; Economic Growth and development, concepts of Under development and basic characteristics |
| Week, 2 | Determinants and Measurement indicator of (PQLI and HDI and SDGs Of economic development, poverty, inequality and development: Measurement and policy options |
| Week, 3 | Historical perspective of economic growth and is relevance, Theories of development:-Adam Smith, Karl Marx |
| Week, 4 | Schumpeter,Ricardo, Vicious circle of poverty, Lewis dual economy model |
| Week, 5 | Lebenstein critical minimum effort theory, balanced growth |
| Week, 6 | Unbalanced growth theory, |
| Week, 7 | Growth Models;- Domer Model , Solow Model |
| Week, 8 | Growth Model of joan Robinson and Kaldor |

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| Week, 9, 10 | Big push theory and rostow model |
| Week, 11 | Revision of unit 1st and 2nd |
| Week, 12 | Revision of unit 3rd and 4th |
| Week 13 | Revision and test |
| Week 14 | Assignments |

Lesson Plan

Class – M.A.(Economics) 3rd Semester

Faculty – Dr. Bhupinder

Subject -Indian Economy-1

Lesson Plan Session 2024-25

| Time Period | Topics |
|--------------------|---|
| Week, 1 | Features of Indian economy, nature and characteristics of Indian economy |
| Week, 2 | Planning objectives and strategies ,failures and achievement of plans |
| Week, 3 | Basic economic indicators, national income, performance of different sectors |
| Week,4 | Trends in prices and money supply |
| Week, 5 | Institutional structure, land reforms in India ,Agricultural Marketing |
| Week, 6 | Agricultural warehousing, issues in food security, policies for sustainable agriculture |
| Week, 7 | Agriculture finance policy, agriculture price policy |
| Week, 8 | Malthusian theory of population, demographic transition . |
| Week,9 | Population as limits to growth and as ultimate source, concepts of demography |
| Week,10 | Vital rates, life tables composition and uses ,measurement of fertility, total fertility rates, gross and net reproduction rate |
| Week, 11 | Age pyramids, population projectionable, stationary and quasi stationery population,characteristics of Indian population through recent census |
| Week,12 | Financial sector, monetary policy of RBI, money and capital markets |

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| Week, 13 | Growth and problem role of commercial banks in India, banking sector reforms since 1991. |
| Week, 14 | Revision and test and assignments |

Lesson Plan

Class – B. A III Eco hons

Faculty –Pooja

Subject –HISTORY OF ECONOMIC THOUGHT 1

Semester- 5

| Time Period | Topics |
|--------------------|---|
| Week,1 | NATURE AND IMPORTANCE OF ECONOMIC THOUGHT |
| Week, 2 | MERCANTILISM;VIEWS ON TRADE |
| Week, 3 | MERCANTILISM;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 |

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| Week, 10 | MILL'S THORY OF VALUE |
| Week 11 | CLASSICAL STATIONARY STALL WITH SPECIAL REFERENCE TO MILL'S VIEWS |
| Week, 12 | REVISION |
| Week 13 | REVISION |
| Week 14 | REVISION |
| Week 15 | REVISION |
| Week 16 | REVISION |

**Lesson
Plan-
2024-25**

**Class – M. A
II**

**Faculty –
Pooja**

Subject –INTERNATIONAL TRADE AND FINANCE I

Semester-3

| 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 |

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| Week, 12 | EXPENDITURE SWITCHING AND EXPENDITURE REDUCING POLICIES |
| Week 13 | ABSORPTION AND MONETARY APPROACH |
| Week 14 | REVISION |
| Week 15 | REVISION |
| Week 16 | REVISION |

Lesson Plan-2024-25

Class – B. A III Eco hons

Faculty –Pooja

Subject -Econometrics

Semester - 5

| Time Period | Topics |
|--------------------|---|
| Week,1 | Defination,scope and methodology of econometrics |
| Week, 2 | Specification of econometrics model |
| Week, 3 | Nature and sources of data |
| Week, 4 | Simple linear regression model |
| Week, 5 | Multicollinearity |
| Week, 6 | Heteroscedasticity |
| Week, 7 | Autocorrelation |
| Week, 8 | Test of specification and mis specification |
| Week, 9 | Measurement error |
| Week, 10 | Encompassing model and criteria for model selection |
| Week 11 | Dynamic models-lags in econometrics, |

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| Week, 12 | Dynamics model-koyck model |
| Week 13 | Simultaneous equation model |
| Week 14 | ILS and 2ILS models |
| Week 15 | Revision |
| Week 16 | Revision |

Lesson Plan-2024-25

Class – B. A II Eco hons

Faculty –Pooja

Subject –WELFARE ECONOMICS I

Semester-5,

| 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 |

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| Week, 10 | REVISION |
| Week 11 | REVISION |
| Week, 12 | REVISION |
| Week 13 | TEST |
| Week 14 | REVISION |
| Week 15 | REVISION |
| Week 16 | REVISION |

Name: Dr. Yogita Subject: Economics Class: B.A.PASS Semester: 1st

Paper: Development Economics

| Week | Topics |
|------|---|
| 1 | Characteristics of underdeveloped economies, difference between economic growth and development |
| 2 | Determinants and Measurement of economic development |
| 3 | Obstacles to economic development, Vicious circle of poverty |
| 4 | Balanced growth theories |
| 5 | Unbalanced Growth theories, Lewis Model |
| 6 | Leibenstein critical minimum effort thesis |
| 7 | Natural resources and energy resources Environment: meaning, features and components |
| 8 | Scope of Environment Economics, Environment as a necessity and Luxury |
| 9 | Population-Environment Linkage |
| 10 | Features of Environment as a Public Good |
| 11 | Environment Pollution: Types, causes and Effects, control policies |
| 12 | Environment Legislations in India, Government Policies |
| 13 | Sustainable Development: meaning, indicators Measurement and importance of Sustainable Development |
| 14 | |
| 15 | REVISION |
| 16 | Revision |

Name: Dr. Yogita Subject: Economics Class: M.A. Economics Semester: 1st

Paper: Techniques of Economic Data Collection and Analysis

| Week | Topics |
|------|---|
| 1 | Population, sample, parameter, statistic, Frequency distribution, cumulative frequency |
| 2 | Primary and secondary data, Methods of data collection, various methods of sampling A.M., MEDIAN |
| 3 | G.M., H.M., Mode |
| 4 | Quartiles, Deciles, Percentiles |
| 5 | Range, Q.D., M.D., Standard Deviation |
| 6 | Variance, Coefficient of Variance, Lorenz Curve |
| 7 | Skewness, Kurtosis, Moments |
| 8 | Sampling Techniques, Estimation Process |
| 9 | Testing of Hypothesis |
| 10 | Regression and Correlation Analysis |
| 11 | OLS |
| 12 | MS Word, MS Powerpoint |
| 13 | MS Excel, creation of data files and spread sheets |
| 14 | Data analysis using MS Excel, Descriptive Statistics |
| 15 | Bivariate Correlation, One way ANOVA |
| 16 | Revision |

Name: Dr. Yogita Subject: Economics Class: B.A.ECO Hons. Semester: 3rd

Paper: Economic History of India: 1857-1947

| Week | Topics |
|------|---|
| 1 | Why study Economic History, Problem in its Interpretation |
| 2 | Indian Economy on the Eve of Independence, Indian Economy in the mid-nineteenth century |
| 3 | Growth of British Empire and Land settlements in colonial India |
| 4 | Transformation of the traditional village economy during the British Rule, Commercialization of Agriculture – its causes and consequences |
| 5 | Emergence of agricultural labour as a category, Movements of Agriculture Wages and Prices |
| 6 | Problems of Rural Indebtedness |
| 7 | Industrialization in mid-nineteenth century, Deindustrialization Thesis – its statement and validity |
| 8 | Emergence of Modern Capitalist Industrial Enterprise in India- jute, cotton, Iron and Steel |
| 9 | Emergence of Modern Capitalist Industrial Enterprise in India- Cement, Coal, Tea |
| 10 | Foreign Capital in Colonial India – its extent and Impact |
| 11 | Foreign Trade – Growth and Composition guided under development of India under British Rule |
| 12 | Evolution of Provincial Finance, Nature and Problem of Public Debt |
| 13 | Economic Drain from India – form, extent and consequences |
| 14 | REVISION |
| 15 | Assignments |
| 16 | REVISION |

Name: Dr. Yogita Subject: Economics Class: B.A.ECO Hons. Semester: 5th

Paper: International Economics

| Week | Topics |
|------|--|
| 1 | Introduction to International Economics and Trade Theories |
| 2 | Theory of Absolute Advantage and Comparative Advantage |

| | |
|----|---|
| 3 | Opportunity Cost Theory |
| 4 | Hecksher-Ohlin Theory |
| 5 | Components of Balance of Trade and Balance of Payment |
| 6 | Equilibrium and Disequilibrium in Balance of Payment |
| 7 | Meaning and Concept of Exchange Rate |
| 8 | Equilibrium Exchange Rate |
| 9 | Fixed versus Flexible Exchange rate |
| 10 | Managed Floating Exchange Rate System |
| 11 | Brettonwood System and its breakdown |
| 12 | Special Drawing Rights |
| 13 | IMF |
| 14 | REVISION |
| 15 | REVISION |

Name: Dr. Yogita Subject: Economics Class: M.A. Economics Semester: 1st

Paper: Statistical Methods

| Week | Topics |
|------|--|
| 1 | Diagrammatic and Graphical Representation of Data |
| 2 | A.M., MEDIAN |
| 3 | G.M., H.M., Mode |
| 4 | Quartiles, Deciles, Percentiles |
| 5 | Range, Q.D., M.D., Standard Deviation |
| 6 | Variance, Coefficient of Variance, Lorenz Curve |
| 7 | Skewness, Kurtosis, Moments |
| 8 | Problems and Methods of Construction of Index Numbers |
| 9 | Laspeyres, Pasche's and Fisher's Index Numbers |
| 10 | Chain base Index Numbers, Base shifting, splicing, deflating Index Numbers |
| 11 | Time-Series |
| 12 | Classical, Relative frequency and axiomatic approaches to Probability |
| 13 | Basic results on Probability, Conditional Probability |
| 14 | Baye's Theorem |
| 15 | REVISION |

Name of College: GCW Rohtak

Session: 2024-25

Name of Assistant Professor: Dr. Yogesh

Class: B.A.(Pass) 1st Sem. Section –A & B Subject: Micro Economics

| Month | Description of the Syllabus to be covered | Other activities |
|----------------------|---|-------------------------|
| 22 July to 20 Aug | The Economic Problem: Scarcity and Choice, Functions of an Economic System, Circular Flow of Economic Activities, System of Economic Organization, Micro and Macro Economics, Law of Demand, Elasticity of Demand: concept, types, measurement, determinants and importance. | Classroom Quiz |
| 21 Aug to 20 Sep | Consumer Theory: Concept of utility, Cardinal utility analysis, marginal and total utility, consumer's equilibrium, Derivation of demand curve, consumer's surplus. Ordinal Utility Theory: Indifference curves analysis, characteristics, budget line, marginal rate of substitution, Consumer's Equilibrium, Price, income and substitution effects, Derivation of demand curve, Limitations of utility theory of demand. | Unit Test |
| 21 Sep to 20 Oct | Producer's behaviour and Supply: Supply, Firm as an agent of production, Law of variable proportions, Returns to scale, characteristics of Iso-quants, Ridge lines, least cost combination of factors, Internal and external economies and diseconomies. | Group discussion |

| | | |
|---------------------|---|-----------|
| | Movements and shifts in supply curve, Elasticity of supply. | |
| 21 Oct to 22 Nov | Cost Analysis: Concepts of costs, short period costs and long period costs, Modern Theory of costs, Revenue: Concepts of revenue; total, average and marginal revenue and their relationships, Break-even analysis & its uses | Unit Test |