



SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER



COURSE_PLAN_2018-19_MS_DIVYA_MISHRA



COURSE PLAN

U.G Programs

(2018 - 19)



SOPHIA GIRL'S COLLEGE, AJMER (AUTONOMOUS)
B.A I (SEMESTER I)

Micro Economics-I (PAPER I) (ECO-101)

(MICRO-ECONOMICS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM I Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	UNIT I Nature and scope of Economics; Methodology in Economics; Choice as an economic problem; basic postulates;	What is Scarcity? Methodologies used in framing theories in economics.	PPT.	Illustrate the basic framework of micro- economics	<u>Knowledge Based</u> -What is inductive method? -Illustrate the concept of market equilibrium? <u>Understanding Based</u> - Analyse the role of price mechanism. -Evaluate ordinal approach to find consumer equilibrium. <u>Higher Order Thinking Skills Based</u> -estimate price effect, income effect and substitution effect. -Discuss the	Knowledge--60 Understanding-30 Higher Order-10
	Role of Price Mechanism; Demand and Supply- Basic framework and applications	Law of demand and supply. Factors affecting demand and supply.	Group Discussion			
	Market equilibrium.	Types of equilibrium.	Flow Chart			
AUGUST	UNIT II Elasticity of demand: Price, Income and Cross,	What is elasticity and its types. Significance of elasticity in the field of economics.	Group discussion	Anticipate the consumer behaviour		
	Utility: Cardinal and Ordinal approaches; Indifference curve – Concepts and properties, Budget line,	Utility and Consumer Behaviour.	Practice test			
	Consumers equilibrium: Price, Income and Substitution effect (Hicks and	Consumer Equilibrium.	Group discussion			



	Slutsky); Giffen goods				importance of economies of scale.	
SEPTEMBER-OCTOBER	UNIT II Engle curve; Consumer surplus.	Consumer Surplus.	Group Discussion	Deduce the actions of a producer over a period of time		
	UNIT III Production function: Law of variable proportions, Returns to scale, Concepts of Isoquants, Isocost line, Least cost combinations, Concept of Ridge lines	Production function. Law of variable proportion and Returns to Scale	Demonstration through practical life examples.			
	Economies of scale; Expansion path.	Economies of scale.	Flip classroom.			


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B.A ECO. HONS. I (SEMESTER I)
MICRO-ECONOMICS-I (PAPER I) (ECOH-101)

(MICRO-ECONOMICS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM I Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	UNIT I Nature and scope of Economics; Methodology in Economics; Choice as an economic problem; basic postulates;	What is Scarcity? Methodologies used in framing theories in economics	PPT	Illustrate the basic framework of micro- economics	<u>Knowledge Based</u> -Define elasticity of demand? -Illustrate price mechanism.	Knowledge--60 Understanding-30 Higher Order-10
	Role of Price Mechanism; Demand and Supply- Basic framework and applications	Law of demand and supply. Factors affecting demand and supply.	Demonstration		<u>Understanding Based</u> - Analyse the concept of consumer equilibrium.	
	Market equilibrium.	Types of equilibrium	Flow Chart		-Evaluate law of diminishing marginal utility.	
AUGUST	UNIT II Elasticity of demand: Price, Income and Cross,	What is elasticity and its types. Significance of elasticity in the field of economics.	Quiz	Anticipate the consumer behavior	<u>Higher Order Thinking Skills Based</u> -estimate price effect, income effect and substitution	
	Utility: Cardinal and Ordinal approaches; Indifference curve – Concepts and properties, Budget line,	Utility and Consumer Behaviour.	Assignment			
	Consumers equilibrium: Price, Income and Substitution effect (Hicks	Consumer Equilibrium.	Group Discussion			



	and Slutsky); Giffen goods					
SEPTEMBER- OCTOBER	UNIT II Engle curve; Consumer surplus.	Consumer Surplus	Demonstration through practical life.	Deduce the actions of a producer over a period of time	effect. -Discuss law of variable proportion.	
	UNIT III Production function: Law of variable proportions, Returns to scale, Concepts of Isoquants, Isocost line, Least cost combinations, Concept of Ridge lines	Production function. Law of variable proportion and Returns to Scale	Group Discussion			
	Economies of scale; Expansion path.	Economies of Scale	Assignment.			

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B.A ECO. HONS. I (SEMESTER I)
QUANTITATIVE TECHNIQUES AND STATISTICAL METHODS –I (PAPER IV) (ECOH-104)


(QUANTITATIVE TECHNIQUES AND STATISTICAL METHODS -I)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM I Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	UNIT-I Basic Concepts: Variables, Sets, Functions, Identities, Systems of equations, Application of straight line system, Slope of the line, Homogeneous function;	Functions and equations	Charts	Interpret the basic concepts of quantitative techniques in economics and Use the concepts of calculus in economics	Knowledge based- -Define variables. -Find the value f the determinant.	Knowledge--60 Understanding-30 Higher Order-10
	UNIT-I Calculus- Differentiation of a function	Differentiation	Discussions		Understanding based- -Solve the following equations using Cramer's rule.	
	UNIT-II Matrix and Determinants: Various types of Matrices, Determinants	Vector Algebra	Problem solving		-Evaluate the first order differentiation of the equation.	
AUGUST	UNIT-II Inverse of a Matrix, Cramer's Rule	Simultaneous equations	Reasoning strategies	Use the concepts of vector algebra.	<u>Higher Order Thinking Skills Based</u> - Estimate the	 Head Department of Economics Sophia Girls' College (Autonomous), Ajmer
	UNIT-II Introduction to Statistics- Population, Sample, Parameter, Frequency	Sample and Graphical and Diagrammatic representation of data;.	Group Discussion			



	distribution, Cumulative frequency; Graphical and Diagrammatic representation of data;.				standard deviation.	
	UNIT-II Techniques of data collection; Concepts and types of Sampling; Primary and Secondary data	Types of data and data collection.	Field survey			
SEPTEMBER- OCTOBER	UNIT III Measures of Central Tendency: Mean, Median, Mode, Geometric Mean and Harmonic Mean	Central Tendency	Practice test			
	Measures of Dispersion: Range, Mean Deviation, Standard Deviation, Coefficient of Variation, Quartile Deviation	Dispersion	Practical examples			

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B.A ECO. HONS. II (SEMESTER III)
DEVELOPMENT ECONOMICS (PAPER I) (ECOH-301)

(DEVELOPMENT ECONOMICS)

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Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEMV Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I	UNIT-I	Growth and	videos	Illustrate the	<u>Knowledge Based</u>	



JULY	Concept of economic growth and development; Factors affecting economic growth; Characteristics of developed and underdeveloped countries; Inequality and Growth: the inverted 'U' curve hypothesis	Development		concept and difference between growth and development	-Define sustainable development? -Illustrate Kuznet curve.	Knowledge--50 Understanding-35 Higher Order-15
	Economics of Education: Meaning, Scope, as an instrument for economic growth to reap demographic dividends.	Economics of education	Case study		<u>Understanding Based</u> - Analyse the concept of human development. -Evaluate the role of education in the process of development.	
	Economics of Health: Meaning, Scope, as an instrument for economic growth to reap demographic dividends.	Economics of health	Group discussion		<u>Higher Order Thinking Skills Based</u> -critically evaluate Harrod's growth model.	
AUGUST	UNIT-II Measuring development gap: GNP, PQLI, HDI, Gini coefficient and Lorenz curve; Human Resource Development and its measurement (education, health & income)	Measuring development gap	Assignments and flow charts	Estimate development gap using various methods		
	Economic development and institutions: Market and market failure, State and state failure.	Market and state failure	PPT			
SEPTEMBER- OCTOBER	UNIT-III Growth models: Harrod and Domar	Harrod –Domar model	Explanation and showing current relevance	Summarize various growth models		
	Neo- classical growth models: Solow, Meade, Mrs. Joan Robinson	Neo-classical growth models	Explanation and showing current relevance			
	Technological Progress: Embodied, Disembodied,	Technological progress	Discussion			

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Hicks and Harrod.

B.A ECO. HONS. III (SEMESTER V)
Mathematical Economics-I (PAPER II) (ECOH-503)

(MATHAMETICAL ECONOMICS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEMV Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM I JULY	Maxima and Minima (critical points); convexity and concavity);	Maxima and Minima	Ask questions that reveal and build understanding	Operate optimization technique in order to achieve the objectives	<u>Knowledge Based</u> -Define optimisation? -find maxima from the following function.	Knowledge--40 Understanding-40 Higher Order-20
	Optimisation: constraint optimisation- global optima and local optima (Total Derivative Method and Lagrange Multiplier	Techniques of Optimisation	Practice test		<u>Understanding Based</u> - derive the ordinary demand curve. -estimate the producer surplus.	
	Cost and Revenue functions; Derivation of Cost curves; Relation between total, average and marginal cost and revenue; Production Possibility Curve	Cost and Revenue Curves	Group discussion		<u>Higher Order Thinking Skills</u>	
AUGUST	Consumer Theory: Utility function; Budget line; Consumer's equilibrium;;	Consumer Behaviour	Discussion	Construct mathematically the consumer		



	Derivation of demand curve;			behavior	<u>Based</u> -estimate price effect, income effect and substitution effect through Slutsky equation.	
	Income effect, Substitution effect and Price effect; Slutsky equation		Practice test			
	Elasticity of demand	Elasticity of demand	Charts			
SEPTEMBER- OCTOBER	Theory of production: Properties of production function- Homogeneous, non-homogeneous, Cobb-Douglas, CES, Returns to scale; Technology progress and production function; Choice of optimal combination of factors of production	Production functions	Discussion	Construct mathematically the production function		
	Consumer surplus and Producer surplus	Consumer Surplus and Producer Surpl	Practice test			
	Introduction of Difference and Differential Equations.		Demonstration			

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M.A Political Science Final (SEMESTER III)
Research Methodology (PAPER V)

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(RESEARCH METHODOLOGY)


Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEMV Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage

 SEM I JULY	UNIT-I Research Methodology :An Introduction Meaning of Research, Objectives of Research, Motivation in Research	Meaning, objectives and motivation in research	Discussions	Enumerate the meaning, types, significance and criteria of a good research	Knowledge based- Write the difference between census and sample survey. Understanding Based- Discuss the significance of research. Examine the importance of scientific research. Higher order- Calculate the mean from the following set of data Examine the characteristics of a good Questionnaire.	(%) Knowledge--20 Understanding-40 Higher Order-40
	Types of Research. Research Approaches. Significance of Research.	Types of research	Illustration with examples			
	Research Methods and Methodology , Research and Scientific Method Research Process Criteria of Good Research. Research Problems	Research methods and process	Charts and flow diagram			
AUGUST	UNIT-II Research Design Meaning, Types. Sampling Meaning, Types and Significance. Difference between Census and Sample Survey.	Research design and sampling	Flow charts	Deduce research design, explain sampling process and classify methods of data collection		
	Methods of Data Collection Meaning of Data Types of Data- Primary and Secondary	Primary and Secondary data	Discussion			
	Collection of Primary Data	Methods of primary	Demonstration			



	through Observation , Interview Questionnaires and Schedules, Difference between Questionnaires and Schedules. Collection of Secondary Data	and Secondary data collection				
SEPTEMBER- OCTOBER	UNIT-III Processing and Analysis of Data Data Analysis - Coding, Tabulation and Interpretation. Measures of Central Tendency - Mean, Median, Mode.	Data analysis	Practice test	Analyze the methods of data analysis, evaluate measures of central tendency and assess techniques of report writing		
	Techniques of Report Writing Organised Paragraph, Chapters, Footnotes, References and Bibliography.	Report writing techniques	Flow charts			
	Scientific Enquiry in Social Sciences - Definition, Scope, Goals and Limitations.	Scientific enquiry in Social Science.	Group discussion.			

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COURSE PLAN

U.G Programs

(2018 - 19)



SOPHIA GIRL'S COLLEGE, AJMER (AUTONOMOUS)
(MICRO-ECONOMICS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03


COURSE PLAN

SEM II Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM II Dec	UNIT I Concepts of Revenue and Cost, Relationships between Average Revenue, Marginal Revenue and Price elasticity of demand	Different Revenue and Cost curves.	Mathematical derivation.	Illustrate different cost and revenue curves.	<u>Knowledge Based</u> -What is opportunity cost? -Illustrate the characteristics of perfect competition?	Knowledge--60 Understanding-30 Higher Order-10
January	UNIT I Market Structures: Perfect and Imperfect markets	Difference between perfect and imperfect market structure.	Group discussion	Analyse equilibrium under different market conditions	<u>Understanding Based</u> -Discuss the collective bargain theory. -Evaluate scarcity rent theory.	
	Price and output determination in Perfect competition	Equilibrium under Perfect competition.	Quiz			
	Monopoly, Price discrimination under Monopoly; Measures of Monopoly power	Equilibrium under monopoly.	Flip-classroom			
February	UNIT I Monopolistic, Oligopoly (Paul M. Sweezy model)	Equilibrium under monopolistic competition and oligopoly.	Group Discussion	Analyse the general theories of distribution	<u>Higher Order Thinking Skills Based</u> -estimate price and output under the monopoly market. -Derive the relationship between AR, MR and e.	
	UNIT II General theories of Distribution: The Marginal Productivity Theory and Modern Theory; Theories of Wage Determination; Collective bargaining, Wage Differentials	Factor market.	Quiz.			



	Profits: Innovation, Risk and Uncertainty Theories.	Profit.	Demonstration through practical life examples	Assess the concept of welfare theories.
March	UNIT II Rent: Scarcity Rent, Differential Rent, Quasi Rent;	Rent	PPT	
	Interest: Classical, Neo classical	Interest	Group Discussion	
	UNIT III Problems in measuring Welfare; Classical Welfare Economics; Pareto Criterion (Production, Consumption and Distribution); Concept of a Social Welfare Function; Compensation Principle: Kaldor and Hicks.	Economic welfare	Quiz.	


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B.A ECO. HONS. I (SEMESTER I)
MICRO-ECONOMICS-II (PAPER I) (ECOH-201)

(MICRO-ECONOMICS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM II Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM II Dec	UNIT I Conceptsof Revenue and Cost, Relationships between Average Revenue, Marginal Revenue and Price elasticity of demand	Different Revenue and Cost curves	Mathematical derivation	Illustrate different cost and revenue curves under different markets.	<u>Knowledge Based</u> - What is the relationship between AC and MC? -Illustrate the characteristics of monopolistic competition?	Knowledge--60 Understanding-30 Higher Order-10
Jan	UNIT I Market Structures: Perfect and Imperfect markets	Difference between perfect and imperfect market structure.	Group discussion			
	Price and output determination in Perfect competition	Equilibrium under Perfect competition.	Quiz			
	Monopoly, Price discrimination under Monopoly; Measures of Monopoly power	Equilibrium under monopoly.	Flip-classroom		<u>Understanding Based</u> - Discuss the classical theory of interest. -Evaluate scarcity rent theory.	
Feb	UNIT I Monopolistic, Oligopoly (Paul M. Sweezy model)	Equilibrium under monopolistic competition and oligopoly.	Group Discussion	Analyse the general theories of distribution		
	UNIT II General theories of Distribution: The Marginal Productivity Theory and Modern Theory;	Factor market.	Quiz.			
					<u>Higher Order Thinking Skills</u>	



	Theories of Wage Determination; Collective bargaining, Wage Differentials	Profit.	Demonstration through practical life examples	
	Profits: Innovation, Risk and Uncertainty Theories.	Rent	PPT	
March	UNIT II Rent: Scarcity Rent, Differential Rent, Quasi Rent;	Interest	Group Discussion	Assess the concept of welfare theories
	Interest: Classical, Neo classical	Economic welfare	Quiz.	
	UNIT III Problems in measuring Welfare; Classical Welfare Economics; Pareto Criterion (Production, Consumption and Distribution); Concept of a Social Welfare Function; Compensation Principle: Kaldor and Hicks.		Group Discussion	

Based
- estimate price and output under the perfect competitive market.
-Derive the relationship between AR, MR and e.

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B.A ECO. HONS. I (SEMESTER II)
QUANTITATIVE TECHNIQUES AND STATISTICAL METHODS -II (PAPER IV) (ECOH-204)

(QUANTITATIVE TECHNIQUES AND STATISTICAL METHODS -II)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM II Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM II December	UNIT-I Correlation: Simple, Coefficient of Correlation- Karl Pearson and Rank Correlation, Partial and Multiple Correlation analysis;	Correlation	Practice sheets	Calculate the correlation	Knowledge based- -Define time series. -Find the probability from the given situation. Understanding based- -Evaluate the five years moving average. -estimate the correlation coefficient. <u>Higher Order</u>	Knowledge--60 Understanding-30 Higher Order-10
	UNIT III Association of attributes; Chi- square test;;	Association of attributes	Test			
January	Regression analysis: Estimation of regression line in a bivariate distribution (individual series), Least squares method, Interpretation of Regression coefficients;	Regression	Practice test	Calculate the regression coefficients		
	Interpolation: Newton's and Binomial methods.	Interpolation	Demonstration through various questions.			
	UNIT II Calculus- Integration	Integration	Practice test			



February	UNIT II Time Series Analysis: Concept, Determination of regular, Trend and Seasonal indices;	Time Series Analysis	Practice test	Anticipate future trends and indexes
	Index Numbers: Concept, Price relative, Quantity relative and Value relative, Laspeyer's, Paasche's, Fisher, Family budget method, Tests for Ideal index number, Problems in the construction and limitations of index numbers.	Index Number	Practical examples.	
March	UNIT III Probability- Concept, Rules of Probability(Addition, Multiplication), Conditional Probability, Baye's Theorem	Probability	Practice questions	•.Anticipate the probability.
	Theoretical distribution: Properties and uses of Binomial, Poisson and Normal.	Probability Distribution	Practical examples	

Thinking Skills
Based
-construct the
seasonal indices.

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B.A ECO. HONS. II (SEMESTER IV)
DEVELOPMENT ECONOMICS (PAPER I) (ECOH-401)

(DEVELOPMENT ECONOMICS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEM & Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM IV December	UNIT I Partial theories of growth and development: Vicious circle of poverty, Balanced growth and Unbalanced growth (Rosenstein-Rodan and Hirschman),	Balanced and Unbalanced growth theories.	Flip classroom	•Explain the concept of dualism through various growth theories.	<u>Knowledge Based</u> -Define balanced growth? -Illustrate circular causation theory.	Knowledge--50 Understanding-35 Higher Order-15
	Rostow's stage theory, Circular causation,	Stages of economic growth.	Group discussion		<u>Understanding Based</u> - Analyse the role of international trade in the growth process..	
	Unlimited supply of labour,	Role of labour in growth.	Group discussion		-Evaluate the process of creative destruction.	
January	UNIT I Critical minimum effort thesis, Low equilibrium trap,	Role of investment in growth.	Explanation and showing current relevance	•Articulate the concept of innovation and trade to develop growth theories.	<u>Higher Order Thinking Skills Based</u> -critically evaluate the	
	UNIT II Classical model of growth; Schumpeter- Innovation, enterprise and process of 'creative destruction';	Innovation and growth.	PPT			
	Karl Marx: theory of development	Class struggle and economic growth	Explanation and showing current relevance			

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February- March	UNIT II Rejection of trade as the 'engine of growth'. Dualism- Technical, Financial and Social.	Role of international trade in growth and dualism.	Flip Classroom	•Evaluate the efficiency of investment plans.	theory of Karl Marx.
	UNIT III Need for Investment criteria in LDC'S; Alternative investment criteria; Cost benefit analysis;.	Investment criteria and Cost benefit analysis.	Explanation and showing current relevance		
	Need for planning; Types of planning: Democratic, Decentralized, Indicative, Micro level, Physical and Financial	Planning.	Discussion		

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B.A ECO. HONS. III (SEMESTER VI)
Mathematical Economics-II (PAPER II) (ECOH-603)

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(MATHAMETICAL ECONOMICS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEMVI Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM VI December	UNIT I Game theory: Introduction and Concept; Simple and Mixed strategy; Saddle point solution; Prisoner's dilemma;	Game theory and saddle point	Ask questions that reveal and build understanding	•Understand the concept of Game Theory.	<u>Knowledge Based</u> -Define Prisoner's dilemma? -find maxima	Knowledge--40



	Pay off matrix of a game - Two-person-two-commodity and zero-sum game.	Pay off matrix of a game.	Practice test		profit of the monopolistic firm from the following function.	Understanding-40 Higher Order-20
January	UNIT III Linear programming- Graphic and Simplex method.	LPP.	Discussion	Designing the optimization behavior using LPP.		
	UNIT II Market Structure/Pricing: Concept of equilibrium; Equilibrium of the firm under Perfect competition, Monopoly, Price discrimination, Monopolistic competition; Subsidies and Taxes	Market equilibrium		Mathematically validate equilibrium under different market structures.	<u>Understanding Based</u> - estimate the saddle point. - estimate the coefficient matrix of the following input-output model..	
February- March	UNIT II Economies of scale; Market equilibrium; Economic interpretation of time lag in function; Cobweb model.	Cobweb model	Discussion	Designing the optimization behavior using input output analysis.	<u>Higher Order Thinking Skills Based</u> - estimate maximum profit using a Simplex method.	
	UNIT III Input-Output analysis: The simple closed and open model; Linkages- concepts and measurement; Dynamic Input-Output model	Input output analysis.	Practice test			

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B.A ECO. HONS. III (SEMESTER VI)
DATA ANALYSIS THROUGH SPSS and EViews (PAPER III) (ECOH-603)

(DATA ANALYSIS THROUGH SPSS AND EIEWS)

Max. Marks : 75 (50Ext; 25 Int)

Min. Marks: 30(20 Ext;10 Int)

Credit: 03

COURSE PLAN

SEMVI Month	UNIT/TOPIC	Concepts/facts	Teaching Pedagogy	Learning Outcomes	Questions	Marks Weightage (%)
SEM VI December	Introduction to SPSS: Data Entry, Data Editor, Basic calculations	Introduction to SPSS	Video lectures	Tabulate data using SPSS	<u>Knowledge Based</u> -Define variable? -Illustrate the steps to build charts using SPSS.	Knowledge--40 Understanding--40 Higher Order--20
	Frequencies, Missing values, Split files, Import Export Files Using EXCEL Data	Importing and exporting data files	Demonstration on software			
January	Visual Statistics: Chart Builder, Histograms, Box plots, Bar Charts, Line Charts, Pie Charts, Editing graphs and Axes.	Chart building	PPT	Analyze cross-sectional data using SPSS	<u>Understanding Based</u> -determine the steps involved in saving output files in EViews. -Evaluate the application of t-Test using SPSS.	
	Data Analysis Using SPSS: Mean, T-test, One way ANOVA, Non Parametric Tests, Normality test. Linear	Data analysis	Video lectures			
	Correlation and Regression.	Correlation and regression	Video lectures			



February- March	Unit- III Basic introduction of Eviews- overview of the EViews, creating work files, saving your work	Introduction of Eviews	PPT	Analyze time- series data using EViews	<u>Thinking Skills</u> <u>Based</u> -examine the significance of parametric test.
	command description, frequency conversion, basic graphs	Data transformation	Discussion		
	linear regression model and correlation model.	Regression and correlation	Video lectures		

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