



SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER



COURSE_PLAN_2017-18_MS_DIVYA_MISHRA



SOPHIA GIRLS' COLLEGE(AUTONOMOUS), AJMER

SESSION - 17 - 18



TEACHING PLAN

Ms. Divya Mishra
SEMESTER I (Micro Economics1)

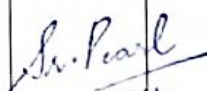

Class	Paper	Month	Topics	Other Activities
<u>BA</u> <u>Hons.</u> <u>Sem I</u>	<u>Micro</u> <u>Economics</u>	July	<ul style="list-style-type: none"> • Introduction • Nature and scope of Economics • Methodology in Economics • basic postulates • Role of Price Mechanism • Demand and Supply , Market Equilibrium 	<u>Assignment & Discussion:</u> Methodology in Economics
		August	<ul style="list-style-type: none"> • Elasticity of Demand • Utility • Indifference curves • Budget line • consumers equilibrium • Consumer's Surplus 	<u>Assignment & Discussion:</u> Elasticity of Demand. Cardinal and Ordinal approaches of Utility. Preparation of Question Bank.
		September	<ul style="list-style-type: none"> • Price, Income, and Substitution Effect (Hicks And Slutsky) • Giffen Goods • Engel curve 	<u>Assignment & Discussion:</u> Engel curve CIA I
		October	<ul style="list-style-type: none"> • Production Function : Law of Variable Proportions • Returns to Scale 	<u>Assignment & Discussion;</u> Types of Production Function.

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SEMESTER II (MicroEconomicsII)

Class	Paper	Month	Topics	Other Activities
BA Eco. Hons- I	Micro Economics	December	<ul style="list-style-type: none"> • Revenue and Cost • Market Structures –meaning, characteristics 	<u>Assignment & Discussion:</u> Relationship between Average revenue, Marginal Revenue and elasticity of demand
		January	<ul style="list-style-type: none"> • Price and Output determination in perfect and imperfect markets. • Measures of Monopoly power. • Oligopoly (P.Sweezy model) 	<u>Assignment & Discussion:</u> Control of Monopoly <u>Class test</u>
		February	<ul style="list-style-type: none"> • Theories of Distribution : The Marginal Productivity Theory and Modern Theory. • Theories of wage determination, Collective bargaining, Wage Differentials 	<u>Assignment & Discussion:</u> Collective bargaining
		March	<ul style="list-style-type: none"> • Theories of -Rent, Interest and profit. • Problems in measuring welfare. 	<u>Assignment & Discussion:</u> Problems in measuring welfare


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			<ul style="list-style-type: none"> Classical Welfare Economics. Pareto Criterion 	CIA
		April	<ul style="list-style-type: none"> Social Welfare function. Compensation Principle 	<u>Revision of Full course</u> <u>END SEMESTER II</u> <u>EXAM</u>

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SEMESTER I(QT &SM -I)

Class	Paper	Month	Topics	Other Activities
BAEcoHons I	QT & SM - I	July	Basic Concepts, Calculus – Differentiation	Class test
		August	Calculus, Introduction of statistics	Assignment on methods of data collection
		Sept.	Matrix ,Determinants	
		Oct.	Sampling, tabulation, measures of central tendency	CIA –I
		Nov.	Measures of dispersion	<u>Revision of Full course</u> <u>END SEMESTER I</u> <u>EXAM</u>

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SEMESTER II(QT &SM -II)

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Class	Paper	Month	Topics	Other Activities
BAEcoHons I	QT & SM -I	Dec.	Correlation, interpolation	Practice sheets



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	Jan.	Regression, integration	Class test
	Feb.	Index number, time series analysis	Class test
	March	Probability, probability distribution	CIA
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SEMESTER III(DEVELOPMENT ECONOMICS-I)

Class	Paper	Month	Topics	Other Activities
BAEcoHonsI	Dev. Eco. - I	July.	Different concepts of development, Economics of Education and Health	Group discussion
		Aug.	Measuring development gap, Economic development and institutions: Market and market failure, State and state failure.	Assignment on Kuznet Curve
		Sept	Growth models (Harrod and Domar, Solow, Meade)	Class test
		Oct	Growth model-Mrs. Joan Robinson, Technological Progress: Embodied, Disembodied	CIA-I
		Nov.	Technological Progress: Hicks and Harrod.	<u>Revision of Full course</u> <u>END SEMESTER II EXAM</u>

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SEMESTER IV(DEVELOPMENT ECONOMICS -II)

Class	Paper	Month	Topics	Other Activities
BAEcoHonsI	Dev. Eco - I	Dec.	Partial theories of growth and development: Vicious circle of poverty, Balanced growth	Class test
		Jan.	Unbalanced growth, Rostow's stage theory', Circular causation, Unlimited supply of labour, Critical minimum effort thesis, Low equilibrium trap,	Assignment
		Feb.	Classical model of growth; Schumpeter- Innovation, enterprise and process of 'creative destruction'; Karl Marx	Group discussion
		March	Rejection of trade as the 'engine of growth'. Dualism- Technical, Financial ² and Social. Investment criteria	CIA
		April	Cost benefit analysis; Need for planning; Types of planning	<u>Revision of Full course</u> <u>END</u> <u>SEMESTER II</u> <u>EXAM</u>

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SEMESTER V: (MATHEMATICAL ECONOMICS -I)

Class	Paper	Month	Topics	Other Activities
<u>Honors Part III</u>	<u>Mathematical Economics</u>	July	<ul style="list-style-type: none"> • Introduction • Optimization • Maxima and Minima • Total Differential Method 	<u>Test</u>



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		August	<ul style="list-style-type: none"> Local Maxima and Minima Global Maxima and Minima Lagrangian Method Hessian Boarder Cardinal Approach utility 	<u>Tests</u>
		September	<ul style="list-style-type: none"> Consumer Equilibrium Budget line Ordinal Approach Law of Equi-Marginal Utility Slope of IC Elasticity of demand Slutsky equation 	<u>Test</u>
		October	<ul style="list-style-type: none"> Theory of production Cobb-Douglas CES Returns to scale Technology progress and production function Choice of optimal combination of factors of production Adding up theorem 	<u>CIA</u>
		November	<ul style="list-style-type: none"> Cost and Revenue function Derivation of cost curves Relationship between AR, MR and e Consumer and Producer surplus 	<u>Assignment:</u> <u>Main Semester Exam</u>


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SEMESTER VI: (MATHEMATICAL ECONOMICS -II)

Class	Paper	Month	Topics	Other Activities
<u>Honors Part III</u>	<u>Mathematical Economics</u>	December	<ul style="list-style-type: none"> Introduction Market Structure: concept of equilibrium 	<u>Winter Break</u>



		January	<ul style="list-style-type: none"> Equilibrium of the firm under perfect competition, monopoly, price discrimination, monopolistic competition Subsidies and taxes Economies of scale Economic interpretation of time lag in the function Cobweb model Game theory 	<u>Assignments</u>
		February	<ul style="list-style-type: none"> Pay off matrix of a game Input- output analysis Simple and close model Dynamic input-output model 	<u>Test</u>
		March	<ul style="list-style-type: none"> Linear programming- Graphic and Simplex model 	<u>CIA</u>
	<p><i>Divya</i> Head Department of Economics Sophia Girls' College (Autonomous), Ajmer</p>	April	<ul style="list-style-type: none"> Revision of the syllabus 	<p><i>S. P. Singh</i> <u>Assignment</u> Major Semester Principal Sophia Girls' College (Autonomous), Ajmer</p>

SEMESTER V(Introduction to Econometrics)

Class	Paper	Month	Topics	Other Activities
BAEcoHonsII I	<u>Introduction to Econometrics</u>	July.	<ul style="list-style-type: none"> Definition, Scope, Goals and Divisions of Econometric. Methodology of Econometric Research. Correlation theory. 	Practice test on Correlation theory.
		Aug.	<ul style="list-style-type: none"> R^2 and Adjusted R^2. Linear Regression Model in two variables. method of ordinary least squares (OLS) 	Practice sheets on OLS.
		Sept	<ul style="list-style-type: none"> Properties of BEST estimator. multicollinearity 	Class test
		Oct	<ul style="list-style-type: none"> Heteroscedasticity 	CIA-I



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SEMESTER VI: (Data Analysis through SPSS & EViews)

Class	Paper	Month	Topics	Other Activities
<u>Honors</u> <u>Part III</u>	Data Analysis through SPSS & EViews	December	<ul style="list-style-type: none"> Introduction to SPSS 	
		January	<ul style="list-style-type: none"> Data entry, data editor, basic calculations, frequencies, missing frequencies, split files, import files using EXCEL data, Visual statistics: Chart builders, histograms, box plots, bar charts, line charts, pie charts, editing graphs and axes. Data analysis using SPSS: mean, T-Test, One –Way ANOVA, Non Parametric tests, Normality test, Linear Correlation and Regression. 	<u>Practical Questions</u>
		February	<ul style="list-style-type: none"> Basic introduction of EViews- Creating work files, saving work, command description, frequency conversion, basic graph, linear regression model and correlation model 	<u>Practical Questions</u>
		March	<ul style="list-style-type: none"> Revision 	<u>CIA & Internal Practical Exam</u>

 Head Department of Economics Sophia Girls' College (Autonomous), Ajmer	April	<ul style="list-style-type: none"> Revision PRINCIPAL SOPHIA GIRLS' COLLEGE (AUTONOMOUS) AJMER	 PRINCIPAL SOPHIA GIRLS' COLLEGE (AUTONOMOUS) AJMER	<u>Assignment:</u> <u>Main</u> <u>Semester</u> <u>Exam</u>
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