

LESSON PLAN
DEPARTMENT OF ECONOMICS
BARASAT GOVT. COLLEGE
2015-16
FIRST YEAR (HONS)

| Teacher | Target Time | Topic | No. of lectures |
|---|------------------|---|-----------------|
| 1. Dr. Saroj Panja (SP) | July-September | Paper – I Nature and scope, Market equilibrium, Consumer Behaviour Assumptions on preference ordering, Indifference curve, Budget constraint and Consumer's equilibrium, Substitution effect (Hicks & Slutsky) and Income effect, Ordinary and Compensated demand curves, Inferior goods and Giffen goods, Price consumption and income consumption curves | 35 |
| | October-December | intertemporal choice, Revealed Preference, demand and supply | 10 |
| | January-March | Production and Cost, Perfect Competition, | 15+12 |
| | April-June | Revision Classes | |
| 2. Dr. Raj Narayan Gupta (RNG) | July-September | Paper II Gr A: Data Presentation, Descriptive Statistics | 20 |
| | October-December | Analysis Of Bivariate Data | 10 |
| | January-March | Time Series | 20 |
| | April-June | Revision Classes | |
| 3. Tushar Kanti Samanta(TKS)/ Dr. Rongili Biswas (RB) | July –September | Paper II, Group-B, Mathematical Economic I 1. Sets: Units 1.1, 1.2, 1.3 1.4, 1.5. 2. Elements of Calculus: Functions, Limits, Derivatives, Homogenous function, Integration. | 20 |
| | | Maxima & Minima of | 10 |

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| | October – December | functions (constrained or unconstrained) – Economic Applications – Utility Functions, Revenue Function, Cost Function, Profit Function, Maximising Excise – Tax & Revenue. 2. Linear Algebra: Determinants, Jacobian theorem, Matrix | |
| | January-March | Some simple applications of mathematics on economic theory Units 5a, 5b,5c, 5d and 5e. | 25 |
| | April-June | Revision Classes | |
| 4. Dr. Sudeshna Chattopadhyay (SC) | July-September | Paper I (Group-B) 1. Macroeconomic Data: National Income accounting – GDP, GNP, NNP, NI, DPI, Different methods of Calculating NI; Measurement of cost of living – CPI, GDP Deflator; Measuring Joblessness – Unemployment rate, Unemployment and GDP – Okun’s Law 2.The economy in the Short run: Simple Keynesian analysis of aggregate demand with or without govt. sector, Multipliers 3. IS-LM analysis, Fiscal policy | 20 20 8 |
| | October-December | IS-LM analysis, Monetary policy; IS-LM analysis in the shortrun and longrun. The Economy in the Long run: The classical Analysis of the real sector | 12 10 |
| | January-March | Introduction to economic fluctuation: Impact of shift of aggregate demand curve both in the shortrun and in | 10 |
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| | | the long run. The complete Keynesian Model | 25 |
| | April-June | Review Classes | |

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|---------|------------------|--|----------------|
| SP | July-September | Monopoly and Monopolistic Competition: | 20 |
| | October-December | Oligopoly: Conjectural Variation & Reaction functions, Analysis of Cournot & Stackelberg | 15 |
| | January-March | Collusive Oligopoly & Prisoners' dilemma in cartel stability, Nash equilibrium of game. | 20 |
| | April-June | Review Classes | |
| RNG | July-September | Paper IV:Gr A i)Meaning of Development ii)Stages of Growth, iii)Sources Of economic Growth | 22 |
| | October-December | i)Problem Of Labour Surplus Economy, ii)Development Strategy | 13 |
| | January-March | Poverty, Inequality and Standard Of Living:, The Environment and Development | 25 |
| | April-June | Revision Classes | |
| TKS/ RB | July-September | Paper III (Group –B): Consumption function Paper IV (Group-B): Trade and Development: Trade as an engine of growth, Arguments for protection; Terms of Trade and Economic Development | 7 15 |
| | October- | Paper III (Group –B): | 10 |

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| | December | Investment function: Fixed investment; The neoclassical approach, Tobin's q, Residential investment, Accelerator model of investment. | |
| | January-March | <p>Paper III (Group-B): Demand for Money: The Regressive Expectations Model, The portfolio balance approach, The Baumol-Tobin models of Cash Management. The supply of money: Credit creation by commercial banks, Money multiplier, Instruments of monetary policy.</p> <p>Paper IV (Group-B): Alternative Industrialization Strategy for developing nations – Import Substitution and Export promotion, Multinational Corporations and Foreign Direct Investment.</p> | 15 |
| | April-June | Review Classes. | |
| SC | July-September | <p>PAPER-III: Inflation:- Definition and functions of money, Quantity theory of money, Money, prices and inflation, Inflation and interest rates; The fisher effect, Future money and current prices, The social costs of inflation.</p> <p>PAPER-IV: Development and Underdevelopment as a historical process:-</p> <p>(a) Dependency theory of Baran and Frank</p> <p>(b) The concept of unequal exchange</p> | 10 |

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| | October-December | <p>PAPER-III: Aggregate supply and Phillips curve; Inflation, unemployment and Phillips curve, Shift of Phillips curve, Causes of inflation, Disinflation and sacrifice ratio, Rational expectation and painless disinflation.</p> <p>PAPER-IV: Planning for Development:-</p> <p>Rationale for planning, The instances of market failure and the role of state; Govt. failure and Resurgent preference for markets over planning; Decentralisation (concept only)</p> | <p>12</p> <p>10</p> |
| | January-March | <p>PAPER-III: Recent Developments in Macroeconomics:</p> <p>Rational expectations, Real business cycle, New Keynesian Economics:</p> <p>PAPER-IV: Evolution of the International Economy:-</p> <p>The origin, objectives and functions of IMF and World Bank; The Third World Debt crisis and the structural adjustment policies adopted</p> | <p>10</p> <p>15</p> |

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| | | by IMF; The new International Economic Order | |
| | April-June | REVIEW CLASSES | |

LESSON PLAN
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2015-16
Third Year (Hons)

| Teacher | Target Time | Topic | |
|---------|------------------|--|------------|
| SP | July-September | Paper – V Economic Role of the State: Public goods and market failure, Distinction between private goods and public goods, Samuelson’s solution for the optimal provision of public goods, Lindahl’s Equilibrium for optimal tax sharing, Free rider problem, Justification of Government expenditure in defense, education, health, infrastructure. | 20 |
| | | Paper –VI Structure of Indian Economy Unemployment and Poverty | 15 |
| | October-December | Principles of Taxation, Direct and indirect Taxation Paper VIII INDIAN ECONOMIC HISTORY 1. Impact of British rules with special reference to (i) De-industrialization (ii) Commercialization of agriculture (iii) Economic drain. | 8 8 |

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| | January-March | Public debt: Internal and external burden- Different concepts of deficit in Government's budget – Burden of internal public debt, Burden of public debt on future generation, External public debt, comparison of internal and external public debt Paper VIII INDIAN ECONOMIC HISTORY | 15 |
| | | Aspect of British Imperial policy: i) Land policy, ii) Railways & irrigation iii) Policy of discriminating protection | 10 |
| | April-June | | |
| TKS/RB | July-September | Paper-V (Group A): Pure Theory of International Trade: Comparative advantage, Gains from trade and its decomposition, Offer curve, Ricardian Model, Heckscher-Ohlin Model, Factor price equalization theorem, Factor intensity reversal. Paper VI: Agriculture Paper VIII: Project Work | 10 5 5 |
| | October-December | Paper-V (Group A): Trade Policy: Instruments of Restrictive trade, Tariff under optimal market conditions. Paper VI: Money and Capital market. Paper VIII: Computer Application and Project Work | 4 3 3 |
| | January-March | Paper-V (Group A):The Balance of Payments and International Economic Policy: The Balance of payment, The determination of national income in an open economy, Theory of Exchange Rate, Devaluation and Trade Balance. Paper VI: External Sector. | 17 3 |
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| | | Paper VIII: Computer Application and Project Work. | 7 |
| | April-June | Review Classes | |
| RNG | July-September | Probability theory and Distribution Paper VIII: Computer Application and Project | 15 8 |
| | October-December | Elementary Sampling Theory , Paper VI Indian Public Finance Paper VIII: Computer Application and Project | 3 3 3 |
| | January-March | Classical Statistical Inference, Paper VI Rationale of Planning and Mixed Economy. Five Year Plans Paper VIII: Computer Application and Project | 8 15 10 |
| | April-June | | |
| SC | July-September | Input – output analysis, Static equilibrium analysis and comparative statics. Game Theory, Integration and dynamic analysis Paper –VIII: Computer Applications/project Work | 10+5+5+10+10 9 |
| | October-December | Paper-VI Growth and Stagnation in Indian Industries. State initiative industrialization. Evaluation of Industrial policies including Licensing Policies, Role, Performances and Weaknesses of Public Sector Industries. New Industrial policy in the post- globalization era. Disinvestment Policy. | 10 |

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| | | Paper –VIII: Computer Applications/project Work | 12 |
| | January-March | <p>Linear Programming (LP) The LP problem, Duality and economic interpretation, simplex method, complementary slackness relationship of primal and dual.</p> <p>Application: Diet problem, Transportation problem</p> | 10 |
| | | Paper –VIII: Computer Applications/project Work | 15 |
| | April-June | Review Classes | |

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FIRST YEAR GENERAL

| Teacher | Target Time | Topic | No. of lectures |
|---------|----------------------|---|-----------------|
| RNG | July-September | 5. Perfect Competition: Characteristics of Perfectly Competitive Market. Short – run and Long-run equilibrium of Perfectly Competitive firm and industry | 12 |
| | October- December | . Monopoly : Concept and Characteristics of Monopoly Market – Degree of Monopoly Power - Price and Output Determination under Monopoly – Absence of Supply Curve under Monopoly – Concept of Price Discrimination – Equilibrium of Price Discriminating Monopolist. Concept of Duopoly and Oligopoly. 7 | 5 |
| | January-March | Theory of Distribution: Marginal Productivity Theory of Distribution – Rent : (a) Ricardian Theory , (b) Modern Theory , (c) Quasi- Rent. | 10 |
| | April-June | Revision/Review | |
| TKS/RB | July –September | Producers' Behaviour : Concept of Production- Factors of Production- Production Function: Concepts of TP, AP and MP. Derivation of AP and MP curve graphically from TP curve- Law of Variable Proportions- Isoquants and its Properties- Expansion Path- Laws of Returns to Scale. | 13 |

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| | | Diminishing Marginal Utility- Law of Demand and Law of Supply- Derivation of demand curve from marginal utility curve | |
| | October-December | Consumers' Behaviour : - Consumers' surplus. Indifference curve: Definition and Characteristics – Budget line –Consumers' Equilibrium- Income effect and Substitution effect- Graphical presentation to show Price effect is the summation of Income effect and Substitution effect- Inferior goods and Giffen goods | 5 |
| | January-March | Profit: Gross Profit and Net Profit – Difference Between Profit and Other Factor Incomes – Theories of Profit – Risk Bearing Theory , Uncertainty Bearing Theory , Innovation Theory | 10 |
| | April-June | Revision/Review | |

LESSON PLAN
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BARASAT GOVT. COLLEGE
SECOND ` YEAR GENERAL

| Teacher | Target Time | Topic | No. of lectures |
|---------|------------------|--|-----------------|
| RNG | July-September | Paper-II:Banking: Concepts of Bank and Non-bank Financial Intermediaries – Functions and Credit Creation of Commercial Banks – Central Bank- Functions and Credit Control Measures. Taxation : Concepts of Tax – Distinction between Direct and Indirect Tax – Concepts of Progressive , Proportional and Regressive Taxation – | 8 |
| | October-December | Paper-II: Distinction between Impact and Incidence of Tax. Public Debt – Internal and External Burden of Public Debt Success and Failure of India's Five Year Plans. | 7 |
| | January-March | Paper III :The Problem of Overpopulation, Causes of Rapid Growth of Population, Population Policy | 10 |
| | April-June | | |
| TKS/RB | July –September | Paper-III: Nature of Underdeveloped Indian Economy, causes of under-development. Concept of National Income , Estimation of National Income and Difficulties in Measuring National Income | 8 |

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| | | in India. Causes of Income Inequality Measures to Reduce Inequality of Income. Poverty Line and Poverty Eradication Programmes in India.. | |
| | October - December | International Trade : Basis of International Trade – Absolute Advantage Theory of Adam Smith – Comparative Advantage Theory of David Ricardo – Gains from Trade – Free Trade versus Protectionism. Recommended Books : Gupta | 7 |
| | January-March | Paper-III:Agriculture: Concept of Low Productivity – Reasons and Remedies. Land Reform – Concept, Steps and Evaluation of the Programmes in India with special emphasis on West Bengal. Effects of GATT on Indian Agriculture, Problems of Agricultural Laborers | 9 |
| | April-June | Paper-III:Tax Revenue of Central Government and State Governments. Union – State Financial Relationship . 8. Need for Foreign Capital. Case For and Against Foreign aid to India .Composition and Direction of Trade in Post-Liberalization Period. | 5 |
| SC | July-September | Paper-II: National Income : Distinction between Gross National Product and Net National Product , GNI and NNI , GNP and GDP – Derivation of National Income from GNP at Market Price- Different Methods of Measuring National Income and their drawbacks | 7 |
| | October-December | Paper-II: Consumption: Simple Keynesian Model (SKM) of Income Determination- Consumption Function – Relation between Average | 7 |

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| | | and Marginal Propensity to Consume - Multiplier Theory . 3. Investment: Concepts of Investment – Marginal Efficiency of Capital – Acceleration Theory of Investment. 4. Say’s Law of Markets: Classical Theory of Output and Employment Determination. Keynesian Theory of Output and Employment Determination. | |
| | January-March | Paper-II :Money : Functions of Money – Value of Money Different Concepts of Money : M1, M2, M3 and M4 . Quantity Theory of Money : Fisher’s Transaction Version and Cambridge’s Cash-Balance Version . . Inflation : Concepts of Inflation , Deflation and Stagflation – Inflationary Gap – Distinction between Demand – Pull and Cost – Push Inflation- Effects of Inflation – Anti-inflationary Fiscal and Monetary Policies. | 10 |
| | April-June | Paper-III: Industry: Meaning of Cottage and Small Scale Industries. Role of Cottage and Small Scale Industries in India’s Economic Development. Problems of Cottage and Small Scale Industries .Problem of Large Scale Industries in West Bengal. Industrial Policy and Industrial Finance | 5 |

