



**DEPARTMENT OF ECONOMICS  
SYLLABUS DISTRIBUTION 2023-24**

**MDC-110. COMMERCIAL ARITHMETIC AND ELEMENTARY STATISTICS**

UNIT	TOPICS	TEACHER
UNIT I	Average- simple and weighted average. Ratio and Proportion Percentage, Problems on Time and Distance. Simple interest- Bank interest Average rate of interest: interest on installment payment Compound Interest (With the help of logarithms) Annuities- Annuity certain, Annuity due. Immediate Annuity and Deferred Annuity (With the Profit and loss, Market price Discount- trade and cash discount	COMMERCE DEPT
UNIT II	Bankers discount, true discount, Bill value, Present value, average due date and equation of payment Stock Exchange Investment, transfer of stock and shares, Ex dividend and cum dividend prices Commission and Brokerage;	COMMERCE DEPT
UNIT II	Probability: meaning and definition; Events, Trial. Random Experiment; mutually exclusive events, Favorable cases to an event	SENGAM G MOMIN
UNIT III	Statistics: Meaning, Application and Limitations.	FORTBI MOMIN
UNIT III	Measures of Central Tendency Averages (Mean, Median. Mode)	DORIMEH M MARAK
UNIT III	Dispersion (Range. Quartile Deviation and Standard Deviation)	FIRDOSH MOMIN
UNIT III	Diagrammatic Presentation of business data (Bar diagram, line diagram, pie and rectangular chart	DOMITILA MARAK

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**DEPT OF ECONOMICS**  
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1<sup>ST</sup> SEMESTER BA

ECO-100: MICROECONOMICS I

UNIT	TOPICS	TEACHER
UNIT I	<b>Consumer Behaviour:</b> nature and scope of Economics. Concepts of demand and supply, price mechanism and market equilibrium. Individual and market demand curve; shifts in demand curve; elasticity of demand: types, determinants and methods of measurement (point, arc and total outlay methods); relationship between the price elasticity of demand and the slope of the demand curve.	FORTHBINA G MOMIN
UNIT I	<b>Indifference curve analysis of demand:</b> basic assumptions, properties, consumer's equilibrium.	DOMITILA N MARAK
UNIT II	<b>Production, Cost and Supply:</b> Concepts of production function, isoquants and their properties; returns to a factor, returns to scale, law of variable proportions;	DOMITILA N MARAK
UNIT II	<b>cost curves</b> - short run and long run; total, average and marginal revenue curves, relationship between AR, MR and price elasticity. Concept of supply, derivation and shifts of supply curve, elasticity of supply.	FIRDOSH A MOMIN
UNIT III	<b>Market Structure:</b> perfect and imperfect competition	FIRDOSH A MOMIN
UNIT III	equilibrium of the firm and industry under perfect competition in the short run and long run; equilibrium of the firm under monopoly and monopolistic competition in the short run and long run; Chamberlin's group equilibrium; meaning and features of oligopoly.	SENGAM G MOMIN
UNIT IV	<b>Factor Pricing and Welfare Economics:</b> marginal productivity theory of distribution; Ricardian and modern theories of rent; Subsistence and wage fund theories of wages; liquidity preference theory of interest; Knight's theory of profit. Concepts of welfare; value judgements; problems in measuring welfare; Classical welfare economics; Pareto optimality; social welfare function.	DORIMEH M MARAK

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III SEMESTER BA

PAPER III INDIAN ECONOMY

UNIT	TOPICS	TEACHER
I	<b>Features of the Indian Economy:</b> India as a Developing Economy; Demographic Features – Population: Composition, Occupational Distribution, Population Policy; Poverty and Inequality; Unemployment; the Changing Structure of the Indian Economy: Pre- and Post-Reform Periods.	<i>DOMITILA N MARAK</i>
II	<b>Agriculture:</b> Agriculture – Trends in Agricultural Production and Productivity; Land Reforms; Agricultural Finance and Marketing; Green Revolution; Public Distribution System; Food Security.	<i>FORTHBINA G MOMIN</i>
III	<b>Industry:</b> Industry – Trends in Growth of Indian Industries; Small-Scale Industries: Role, and policy measures; FEMA; competition act; Industrial Policy Since 1991.	<i>FIRDOSH A MOMIN</i>
IV	<b>Economic Reforms:</b> Economic Reforms Since 1991: Liberalization, Privatization and Globalization; External Sector: Composition and Direction of India's Foreign Trade; Trends in Exports and Imports; Balance of Payments Crisis; EXIM policy; Foreign Capital: Aid, FDI and FII, Foreign Trade Policy	<i>DORIMEH M MARAK</i>
V	<b>Economy of North-Eastern Region:</b> Basic Features: Trends of state GDP and Sector-Wise Contribution, Occupational Pattern; Natural Resources: Land, Water and Forest Resources; Agriculture: Cropping Pattern; Industry: Importance; Industrial policy of 1997 and 2007; Small-Scale Industries, Role of NEC; Tourism: importance, potential and challenges.	<i>SENGAM G MOMIN</i>

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**V SEMESTER BA**

**PAPER V ADVANCED ECONOMIC THEORY**

UNIT	TOPICS	TEACHER
I	<b>Consumer Theory:</b> Price effect and income effect; decomposition of price effect (Hicks and Slutsky), compensated demand curves; Lancaster's Theory of Consumer's Demand for Attributes; concepts of consumer's surplus and Engel's curve; Revealed preference theory	<i>DOMITILA N MARAK</i>
II	<b>Theory of Production:</b> Concept and properties of Cobb-Douglas and CES production functions; isoquants and isocost lines, producer's equilibrium; elasticity of factor substitution and expansion path; Economies of Scale; Concept of producer's surplus.	<i>FIRDOSH A MOMIN</i>
III	<b>Market Structure and Welfare Economics:</b> Price discrimination under monopoly, meaning of monopoly power. Chamberlin's model of monopolistic competition; Oligopoly: Cournot's model and kinked demand curve theory. Classical welfare economics; Pareto optimality; Compensation criterion; and social welfare function.	<i>SENGAM G MOMIN</i>
IV	<b>Money, Banking and Inflation:</b> Demand for money (Classical and Keynesian); supply of money – Fisher and Cambridge equations; high powered money: definition and concept; commercial banks: functions and credit creation; central bank: functions and instruments of credit control; inflation: meaning, types, causes, effects and control.	<i>FORTHBINA G MOMIN</i>
V	<b>Trade Cycle:</b> Concept, nature and characteristics; Hawtrey's monetary theory, Hayek's overinvestment theory, Keynes' view on trade cycle; control of trade cycle; Balance of Trade and Balance of Payments: concepts and components, equilibrium and disequilibrium in the BOP; consequences of disequilibrium and measures to correct the deficit in the BOP.	<i>DORIMEH M MARAK</i>

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## Tura Government College, Tura Syllabus distribution 2023

V SEMESTER BA

PAPER VI INTERNATIONAL ECONOMICS

UNIT	TOPICS	TEACHER
I	<b>Introduction, Basic tools and Trade theories:</b> Nature and significance of international economics, production possibility curves, community indifference curves, offer curves, box diagrams, the law of absolute advantage, the law of comparative advantage, the Heckscher – Ohlin trade model, factor reversal and Leontief paradox.	<i>DOMITILA N MARAK</i>
II	<b>Terms of trade and Gains from trade:</b> Concepts of terms of trade, factors affecting terms of trade, theory of reciprocal demand, gains from exchange and gains from specialization, gains from trade and income distribution, the theory of immiserizing growth.	<i>FIRDOSH A MOMIN</i>
III	<b>Tariffs and Quotas:</b> Types of tariffs and quotas, effects of tariffs under partial equilibrium and optimum tariff, effects of import quotas, Tariff-quota controversy and less developed countries with reference to India, non-tariff barriers to trade.	<i>FORTHBINA G MOMIN</i>
IV	<b>Balance of Payments and Foreign Exchange:</b> Problems, Adjustment Process, Absorption Approach, Foreign Trade Multiplier, Spot and Forward Rates of Exchange, Fixed and Flexible Exchange Rate, Purchasing Power Parity Theory, Current Account Convertibility of the Rupees, Move towards Capital Account Convertibility.	<i>DORIMEH M MARAK</i>
V	<b>International Macro Economic Policies:</b> International Monetary System, Functions of IMF, World Bank and W. T. O in the Context of India; Globalization and Financial Crisis; Concept of Regional Trade Blocks – BRICKS, ASEAN and Their Role in the Promotion of Trade.	<i>SENGAM G MOMIN</i>

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2<sup>nd</sup> SEMESTER BA

ECO-150: MACROECONOMICS I

UNIT	TOPICS	TEACHER
UNIT I	National Income: meaning, concepts and their inter-relationship; methods of measuring national income and their limitations; national income identity in a closed economy; circular flow of income - two, three and four sector models; green accounting.	DOMITILAN MARAK
UNIT II	Output and Employment: Classical theory of employment; Keynesian theory of income and employment; the principle of effective demand; consumption and saving function; investment multiplier; marginal efficiency of capital; saving and investment: ex post and ex ante (concepts only); concept of accelerator	FIRDOSH A MOMIN
UNIT III	Money, Banking, Inflation and Unemployment: Functions of money; Fisher's quantity theory of money; determination of money supply and demand; credit creation and credit control. Inflation: meaning, types, causes, effects and control. Unemployment: meaning and types; Phillip's curve.	FORTHBINA G MOMIN
UNIT IV	Trade Cycles and Balance of Payments: Concept, nature and characteristics of trade cycles; Hawtrey's monetary theory, Hayek's over-investment theory, Schumpeter's innovation theory; control of trade cycles.	SENGAM G MOMIN
UNIT IV	Balance of Trade and Balance of Payments: concepts and components; equilibrium and disequilibrium in the BoP; consequences of disequilibrium and measures to correct the deficit in the BoP	DORIMEH MARAK

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**DEPARTMENT OF ECONOMICS  
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IV SEMESTER**

<b>Paper – IV</b>		<b>MATHEMATICS FOR ECONOMISTS</b>
<b>UNIT</b>	<b>TOPICS</b>	<b>TEACHER</b>
UNIT I	<b>Basic Concepts:</b> Sets, Variables, Relations and Functions,	DORIMEH MARAK
	Equations, Identities, Equilibrium condition, Systems of Simultaneous Linear Equations,	DOMITILA N MARAK
	Homogenous and Homothetic functions, The Straight line and its slope.	FORTHBINA G MOMIN
UNIT II	<b>Matrix and Determinants:</b> Types of Matrices, Rules of Addition and Multiplication; Determinants: Definition and properties; Solution of Linear Equations: Matrix Inversion Method and Cramer's Rule; Leontief Static Open Model. U	SENGAM G MOMIN
UNIT III	<b>Differential Calculus:</b> Concepts of Limit and Continuity; Rules of Differentiation, Partial and Total Differentiation.	SENGAM G MOMIN
UNIT IV	<b>Optimization using Differential Calculus:</b> Maxima and Minima (one variable); Elasticity;	DOMITILA N MARAK
	Equilibrium of a firm and consumer; Inter-relationships among total, marginal and average costs and revenues.	FIRDOSH MOMIN
UNIT V	<b>Integration:</b> Concept, Rules of Integration, Methods of Integration, Integration by parts, Definite Integrals; Consumer's and Producer's surplus.	SENGAM G MOMIN

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## DEPARTMENT OF ECONOMICS SYLLABUS DISTRIBUTION 2023

### VI SEMESTER

#### PAPER VII

#### STATISTICS

UNIT	TOPICS	TEACHER
UNIT I	Central Tendency and Dispersion: Measures of Central Tendency: Mean, Median, Mode, Geometric Mean and Harmonic Mean. Measures of dispersion: Range, Mean Deviation, Standard Deviation, Coefficient of Variation, Quartile deviation, Lorenz Curve, Skewness and Kurtosis.	DOMITILA N MARAK
UNIT II	Correlation and Regression: Correlation: Scattered diagram; Coefficients of correlation: Karl Pearson and Rank Correlation; Simple Linear Regression: Least Squares method, Interpretation of regression coefficients (two variables only).	FIRDOSH A MOMIN
UNIT III	Time Series: Time series analysis: Concept and Components: determination of Regular trend - Moving Average and Curve Fitting.	SENGAM G MOMIN
UNIT IV	Index Numbers: Concept, price relative, quantity relative, value relative, Laspeyer's Index, Paasche's Index and Fisher's index. Problems in the construction and limitations of index numbers; Tests for ideal index number.	DORIMEH MARAK
UNIT V	Probability and Sampling: Probability: Concept, Rules of Probability (Addition and Multiplication); Random variables, Mathematical expectations, Theoretical distributions: Binomial, Poisson and Normal – their properties and uses. Sampling: Simple, Random, Stratified, Systematic and Cluster Sampling.	FORTHBINA G MOMIN

  
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### VI SEMESTER

#### Paper-VIII

#### PUBLIC ECONOMICS

UNIT	TOPICS	TEACHER
UNIT I	Introduction to Public Economics: Public Economic Policy Issues: Allocation, Distribution and Stabilization; public goods, private goods and merit goods; Methods of Supply of Pure Public Goods, Free Riding; Externalities: the Problem and its Solutions; Market Failure	DOMITILA N MARAK
UNIT II	Theories of Taxation: Basic Concepts, Classification of Taxes and Canons, Taxable Capacity; Welfare Cost of Taxation, Partial and General Equilibrium Analysis, Tax Incidence of taxes, Tax-Subsidy Capitalization; Recent Tax Reforms – VAT and GST	DORIMEH MARAK
UNIT III	Theories of Public Expenditure: Canons and Effects of Public Expenditure; Classical Theory, Principles of Maximum Social Advantage, Bowen's Model; Samuelson's Benefit Theory of Public Expenditure; Musgrave's Optimum Budget Theory, Structure and Growth of Public Expenditure with respect to India..	FIRDOSH A MOMIN
UNIT IV	Fiscal Policy and Fiscal Federalism: Objectives of fiscal policy; interdependence of fiscal and monetary policies; budgetary deficit and its implications;	DOMITILA N MARAK
	Balanced Budget Multiplier; Fiscal federalism in India; Inter-governmental Transfer;	DORIMEH MARAK
	Finance Commission (latest); Devolution of resources and grants.	FORTHBINA G MOMIN
UNIT V	Public Debt and Budget: Sources of Public borrowing; effects of public debt; methods of debt redemption; growth of India's public debt; Budget: kinds of budget, economic and functional classification of budget, preparation and passing of budget in India.	FORTHBINA G MOMIN

  
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