

SYLLABUS 2021-2022**CLASS: 11****SUBJECT: ECONOMICS**

UNIT	CONTENT
1 Introduction to Micro Economics	1.1. Introduction 1.2. Economics - Meaning 1.3. Economics : Its nature 1.3.1. Wealth Definition : Adam Smith 1.3.2. Welfare Definition : Alfred Marshall 1.3.3. Scarcity Definition : Lionel Robbins 1.3.4. Growth Definition : Samuelson 1.4. Scope of Economics 1.5. Basic concepts in Economics 1.5.1. Goods and services 1.5.2. Utility 1.5.3. Price 1.5.4. Market 1.5.5. Cost 1.5.6. Revenue 1.5.7. Equilibrium 1.5.8. Income 1.7.1. Consumption 1.7.2. Production 1.7.3. Exchange 1.7.4. Distribution 1.8. Economics : Its types 1.8.1. Micro Economics 1.8.2. Macro Economics 1.8.3. International Economics 1.8.4. Public Economics 1.8.5. Developmental Economics 1.8.6. Health Economics 1.8.7. Environmental Economics

2. Consumption Analysis	<ul style="list-style-type: none"> 2.1. Introduction 2.2. Human Wants 2.3. Characteristics of Human wants 2.4. Classification of Goods 2.5. Cardinal Utility Analysis <ul style="list-style-type: none"> 2.5.1. The Law of Diminishing Marginal Utility (DMU) 2.6. The Law of Equi-Marginal Utility 2.7. Consumer's Surplus 2.8. Law of Demand <ul style="list-style-type: none"> 2.8.1. Characteristics of Demand 2.8.2. Demand function 2.8.3. Law of demand 2.8.4. Determinants of demand 2.8.8. Movement along demand curve 2.8.9. Shift in the demand curve 2.9. Elasticity of demand <ul style="list-style-type: none"> 2.9.1. Types of Elasticity of demand 2.9.2. Levels or degrees of price Elasticity of demand 2.10. Ordinal Analysis (or) Ordinal utility Approach (or) Hicks and Allen Approach (or) Indifference curve analysis 2.11. An Indifference curve 2.12. An Indifference map 2.13. Diminishing Marginal Rate of Substitution 2.14. Properties of the Indifference curves 2.15. Priceline or budget line 2.16. Consumer Equilibrium 2.17. Conclusion
3. Production Analysis	<ul style="list-style-type: none"> 3.1. Introduction <ul style="list-style-type: none"> 3.2.1. Land 3.2.2. Labour 3.2.3. Capital 3.2.4. Organization 3.3. Production function

	<ul style="list-style-type: none"> 3.4. Law of Variable Proportions 3.5. Law of Returns to Scale 3.6. Economies of Scale 3.8. Iso-quants <ul style="list-style-type: none"> 3.8.1. Definition of Iso-quant 3.8.2. Iso-quant curve 3.8.3. Iso-quant map 3.8.4. Properties of Iso-quant curve 3.12.1. Supply function 3.12.2. Supply curve 3.12.3. Factors determining supply 3.13. Conclusion
4. Cost and Revenue Analysis	<ul style="list-style-type: none"> 4.1. Introduction 4.3 Cost Concepts <ul style="list-style-type: none"> 4.3.1. Money Cost 4.3.2. Real Cost 4.3.3. Explicit Cost 4.3.4. Implicit Cost 4.3.5. Economic Cost 4.3.6. Social Cost 4.3.7. Opportunity Cost 4.3.8. Sunk Cost 4.3.9. Floating Cost 4.3.10. Prime Cost 4.3.11. Fixed Cost 4.3.12. Variable Cost 4.4. Short run Cost Curves <ul style="list-style-type: none"> 4.4.1. Total Fixed Cost (TFC) 4.4.2. Total Variable Cost (TVC) 4.4.3. Total Cost Curves 4.4.4. Average Fixed Cost (AFC) 4.4.5. Average Variable Cost (AVC) 4.4.6. Average Total Cost (ATC) or Average Cost (AC) 4.4.7. Marginal Cost (MC)

	<ul style="list-style-type: none"> 4.4.8. The relationship between Average Cost and Marginal cost 4.5. Long Run Cost Curve: 4.6. Revenue Analysis <ul style="list-style-type: none"> 4.6.1. Revenue Concepts 4.6.2. Relationship between AR and MR Curves 4.6.3. Relationship among TR, AR and MR Curves 4.6.4. TR, AR, MR and Elasticity of Demand 4.7. Conclusion
5. Market Structure and Pricing	<ul style="list-style-type: none"> 5.1. Introduction 5.2. Meaning of Market 5.3. Classification of Market 5.4. Equilibrium Conditions for a Firm <ul style="list-style-type: none"> 5.4.1. Total curve approach 5.4.2. Marginal curve Approach 5.5. Perfect Competition <ul style="list-style-type: none"> 5.5.1. Features of the Perfect Competition 5.5.2. Perfect Competition: Firm's Equilibrium in the Short Run 5.5.3. Perfect Competition: Firm's Equilibrium in the Long Run (Normal Profit) 5.8. Monopolistic Competition <ul style="list-style-type: none"> 5.8.1. Features of Monopolistic competition 5.8.2. Price and Output Determination under Monopolistic Competition
6. Distribution Analysis	<ul style="list-style-type: none"> 6.1. Introduction 6.2. Meaning of Distribution 6.3. Kinds of Distribution of income 6.4. Marginal Productivity theory of distribution 6.6. Wages <ul style="list-style-type: none"> 6.6.1. Meaning 6.6.2. Kinds of Wages 6.7. Theories of Wages <ul style="list-style-type: none"> 6.7.3. Wage Fund Theory of Wages 6.7.5. Marginal Productivity Theory of Wages

	<ul style="list-style-type: none">6.8. Interest<ul style="list-style-type: none">6.8.1. Meaning6.8.2. Kinds of Interest6.10 Profit<ul style="list-style-type: none">6.10.1. Meaning of profit6.10.2. Kinds of Profit
7. Indian Economy	<ul style="list-style-type: none">7.1. Meaning of Growth and Development7.2. Indian Economy7.3. Features of Indian Economy<ul style="list-style-type: none">7.3.1. Strengths of Indian Economy7.3.2. Weakness of Indian Economy7.3.3. Demographic trends in India7.8 Contributions of Indian Economic Thinkers<ul style="list-style-type: none">7.8.1. Thiruvalluvar7.8.2. Mahatma Gandhi7.8.3. Jawaharlal Nehru7.8.4. B.R.Ambedkar7.8.5. J.C.Kumarappa7.8.6. V.K.R.V.Rao7.8.7. Amartya Kumar Sen7.9. Conclusion
8. Indian Economy Before and After Independence	<ul style="list-style-type: none">8.1. Introduction8.2. Indian Economy during the British period8.3 The land tenure Systems in India<ul style="list-style-type: none">8.3.1. Zamindari system or the landlord - tenant system8.3.2. Mahalwari system or communal system of Farming8.3.3. Ryotwari system or the owner - cultivator system8.7. Green Revolution8.8. Large Scale Industries8.9. Small Scale Industries

	<ul style="list-style-type: none"> 8.10. Micro, Small and Medium Enterprises (MSMEs) 8.11. Public Sector and Private Sector Bank 8.12. Nationalisation of Banks 8.13. Performance of India's Five Year Plans 8.14. Development Indicators <ul style="list-style-type: none"> 8.14.1. Human Development Index (HDI) 8.14.2. Physical Quality of Life Index (PGLI) 8.15. Conclusion
9. Development Experiences in India	<ul style="list-style-type: none"> 9.1. Introduction 9.2. Meaning of Liberalization, Privatization and Globalization (LPG) 9.5. Relative position of an Indian Economy 9.6. Industrial Sector Reforms 9.7. Impact of LPG on Agricultural Sector Reforms <ul style="list-style-type: none"> 9.7.4. Agricultural Produce Market Committee 9.8. Trade Reforms <ul style="list-style-type: none"> 9.8.1. Export and Import Policy 9.8.2. Special Economic Zones 9.9. Fiscal Reforms <ul style="list-style-type: none"> 9.9.1. Goods and Services Tax (GST)
10. Rural Economy	<ul style="list-style-type: none"> 10.1. Introduction 10.3. Meaning of Rural Development 10.4. Need for Rural Development 10.5. Problems of Rural Economy 10.8. Rural Industries 10.9. Rural Indebtedness <ul style="list-style-type: none"> 10.9.1. Features of Rural indebtedness 10.9.2. Causes for Rural indebtedness 10.9.3. Measures to remove Rural indebtedness 10.11. Rural Infrastructure 10.12. Requirement for Rural Development 10.13. Conclusion

11. Tamil Nadu Economy	11.1. Introduction
	11.2. Highlights of Tamil Nadu Economy
	11.3. Performance of Tamil Nadu Economy
	11.4. Natural Resources
	11.4.1. Water Resources
	11.4.2. Mineral Resources
	11.5. Population
	11.5.1. Density
	11.5.2. Urbanization
	11.5.3. Sex ratio (No. of female per 1000 males)
	11.5.4. Infant Mortality Rate
	11.5.5. Maternal Mortality Rate (MMR)
	11.5.6. Life Expectancy at birth
	11.5.7. Literacy
	11.6. Gross State Domestic Product (GSDP)
	11.6.1. Sectoral Contribution
	11.6.2. Per Capita Income
	11.7. Agriculture
	11.7.1. Food grains production
	11.7.2. Productivity position of Tamil Nadu and India
11.8. Industry	
11.8.1. Textiles	
11.8.2. Leather	
11.8.3. Electronics	
11.8.4. Automotives	
11.8.5. Cement Industry	
11.8.6. Fire works	
11.8.7. Other Industries	
11.8.8. MSMEs	
11.9. Energy	
11.9.1. Nuclear Energy	
11.9.2. Thermal power	
11.9.3. Hydel Energy	
11.9.4. Solar Energy	
11.9.5. Wind Energy	
11.10. Services	

	<ul style="list-style-type: none"> 11.10.1. Banking 11.10.2. Education 11.10.3. Educational loans 11.10.4. Health 11.10.5. Communication 11.10.6. Transport 11.11. Tourism 11.12. Unemployment and Poverty 11.13. Conclusion
12. Mathematical Methods for Economics	<ul style="list-style-type: none"> 12.1 Introduction <ul style="list-style-type: none"> 12.1.1 Why study Mathematics? 12.1.2. Mathematics in Economics 12.1.3. Uses of mathematical methods in Economics 12.2. Functions <ul style="list-style-type: none"> 12.2.1 Definition 12.3.2. Determinants 12.4. Differential calculus <ul style="list-style-type: none"> 12.4.1. Meaning 12.4.2. Some standard forms of differentiation 12.4.3. Application of differential calculus 12.4.4. Marginal concepts 12.4.5. Marginal product 12.4.6. Marginal cost 12.4.7. Marginal Revenue 12.4.8. Elasticity of Demand 12.5. Integral calculus <ul style="list-style-type: none"> 12.5.1. Integration 12.5.2. Meaning 12.5.3. Basic rule of integration 12.5.4. Application of integration 12.5.5. Consumer's surplus 12.6 Information and Communication Technology <ul style="list-style-type: none"> 12.6.1. MS word 12.6.2. Microsoft Office Excel 12.6.3. Microsoft Power Point 12.7 Conclusion