

Subject Title: Agricultural and Rural Economics (232215)**Course Teacher: Md Mohiul Islam Talukdar and Md. Abdus Salam**

Chapter No & Chapter Title	Number of Classes with Class Title	Learning Outcomes
		At the end of the class the students would be able to
1. Introduction (T-8)	1. Introduction to Agricultural Economics: Definition and Scope.	1. Define agricultural economics and explain its scope in economic studies. 2. Identify key characteristics that distinguish agricultural economics from general economics.
	2. The Need for a Separate Study of Agricultural and Rural Economics.	1. Explain why agricultural economics is studied separately from general economics. 2. Discuss the unique challenges and economic principles relevant to the agricultural sector. 3. Evaluate the significance of agricultural economics in policy-making and sustainable development.
	3. Agricultural Economics vs. Rural Economics: Concepts, Importance, and Interrelationship.	1. Define rural economics and compare it with agricultural economics. 2. Explain the interrelationship between agricultural and rural economics in shaping rural development. 3. Assess the importance of both disciplines in addressing rural poverty, employment, and infrastructure development.
2. Structure and Characteristics of Traditional Agriculture (T-02)	4. Basic Features of Traditional Agriculture	1. Identify and list the basic features of traditional agriculture. 2. Analyze the advantages and limitations of traditional agriculture in comparison to modern agricultural practices.
	5. Development in Traditional Agriculture	1. Describe key developments in traditional agriculture over time. 2. Evaluate the impact of technological and policy changes on the development of traditional agriculture.
	6. Lessons from Traditional Agriculture	1. Identify key lessons learned from traditional agricultural practices. 2. Assess how lessons from traditional agriculture can be applied to modern sustainable farming practices.
3. Contribution of Agriculture to Economic Development (T-08)	7. Understanding Agricultural Contributions: Product, Factor, and Market Contributions.	1. Define and explain product contribution, factor contribution, and market contribution of agriculture. 2. Analyze how agricultural production supports food security, exports, and industrial raw materials.
	8. Assessing the Relative Importance of Agricultural Contributions.	1. Compare the significance of product, factor, and market contributions in economic growth. 2. Evaluate how these contributions vary across different economic stages (agrarian, developing, and industrialized economies). 3. Discuss the impact of agricultural contributions on employment, rural development, and overall economic stability.
	9. Class 6: The Role of Agriculture in Industrial Development.	1. Explain how agriculture supports industrial growth by supplying raw materials, labor, and capital. 2. Analyze the interdependence between agriculture and industry in economic transformation. 3. Discuss policy measures and strategies to strengthen agriculture-industry linkages for sustainable development.
4. The Dual Economy Models(T-02)	10. Nature of the Dual Economy Models	1. Define the concept of a dual economy and describe its key characteristics. 2. Critically analyze different dual economy models and evaluate their relevance in contemporary economic development.

	11. The Lewis Model	<ol style="list-style-type: none"> 1. Explain the basic assumptions and key features of the Lewis Model. 2. Evaluate the strengths and limitations of the Lewis Model in explaining economic development and labor migration.
	12. The Fei-Ranis Model	<ol style="list-style-type: none"> 1. Describe the key features and assumptions of the Fei-Ranis Model. 2. Critically assess the relevance and application of the Fei-Ranis Model in understanding economic development in developing countries.
	13. The Jorgenson Model	<ol style="list-style-type: none"> 1. Explain the basic concepts and components of the Jorgenson Model. 2. Analyze the implications of the Jorgenson Model for understanding the relationship between labor, capital, and economic growth.
5. Types of Farming(T-08)	14. Class 7: Types of Farming: Commercial, Cooperative, and Collective Farming.	<ol style="list-style-type: none"> 1. Define and differentiate between commercial, cooperative, and collective farming. 2. Analyze the advantages and challenges of each farming system in different economic contexts. 3. Evaluate the role of government policies in promoting various farming practices.
	15. Class 8: Sharecropping: Concept, Practices, and Economic Implications.	<ol style="list-style-type: none"> 1. Explain the concept of sharecropping and its historical and modern relevance. 2. Assess the economic impact of sharecropping on farmers, landlords, and agricultural productivity. 3. Discuss the advantages and disadvantages of sharecropping in different agricultural economies.
	16. Class 9: Subsistence Farming vs. Capitalist Farming: A Comparative Analysis.	<ol style="list-style-type: none"> 1. Define and differentiate between subsistence farming and capitalist farming. 2. Examine the role of technology, market integration, and investment in both farming systems. 3. Evaluate the impact of subsistence and capitalist farming on rural development and food security.
6. Agricultural Finance (T-02)	17. Importance of Agricultural Credit	<ol style="list-style-type: none"> 1. Define agricultural credit and identify its primary purposes in supporting farmers. 2. Evaluate the role of agricultural credit in enhancing agricultural productivity and promoting rural economic development.
	18. Sources of Agricultural Credit, Institutional and non-Institutional	<ol style="list-style-type: none"> 1. Identify and describe the different sources of agricultural credit, both institutional and non-institutional. 2. Compare the advantages and disadvantages of institutional and non-institutional sources of agricultural credit and assess their impact on farmers' access to finance.
	19. Functions of Rural Money Markets in the LDCs	<ol style="list-style-type: none"> 1. Identify and describe the key functions of rural money markets in less developed countries (LDCs). 2. Analyze the role of rural money markets in the economic development of LDCs and assess their impact on rural credit access and financial inclusion.
	20. Rural Investment	<ol style="list-style-type: none"> 1. Define rural investment and identify its key components in rural development. 2. Evaluate the impact of rural investment on economic growth, infrastructure development, and poverty reduction in rural areas.
	21. Price Policy in the Agriculture Sector.	<ol style="list-style-type: none"> 1. Explain the concept of price policy in the agriculture sector and identify its main objectives. 2. Assess the effectiveness of price policies in the agricultural sector, considering their impact on farmers, consumers, and market stability.

7. Land Reform (T-08)	22. Introduction to Land Reform: Definition and Objectives.	<ol style="list-style-type: none"> 1. Define land reform and explain its significance in economic and social development. 2. Identify the key objectives of land reform, including equity, efficiency, and rural development. 3. Discuss the impact of land reform on agricultural productivity and poverty reduction.
	23. Features of Past and Modern Land Reforms.	<ol style="list-style-type: none"> 1. Compare the characteristics of traditional land reforms with modern land reform policies. 2. Analyze the evolution of land reform approaches in different countries and their effectiveness. 3. Evaluate the role of technology, legal frameworks, and social movements in shaping modern land reforms.
	24. Challenges in Implementing Land Reforms.	<ol style="list-style-type: none"> 1. Identify the major difficulties in implementing land reform, including political, social, and economic barriers. 2. Discuss the resistance from landowners, bureaucratic hurdles, and financial constraints in land redistribution. 3. Propose policy measures and strategies to overcome challenges and ensure successful land reform implementation.
8. Agricultural Marketing (T-02)	25. Role of Agricultural Marketing	<ol style="list-style-type: none"> 1. Describe the role of agricultural marketing in the distribution of farm products. 2. Analyze the impact of efficient agricultural marketing on the profitability of farmers and the stability of food prices.
	26. Marketing Functions and Market Structure	<ol style="list-style-type: none"> 1. Identify and describe the key marketing functions and elements of market structure in agriculture. 2. Analyze how different market structures (e.g., perfect competition, monopolistic competition) influence agricultural marketing practices and pricing strategies.
	27. Market Intelligence	<ol style="list-style-type: none"> 1. Define market intelligence and describe its role in agricultural marketing. 2. Assess the importance of market intelligence in improving decision-making for farmers, traders, and policymakers in the agricultural sector.
	28. Imperfections of Agricultural Marketing in LDCs	<ol style="list-style-type: none"> 1. Identify and describe the key imperfections in agricultural marketing in less developed countries (LDCs). 2. Analyze the causes and consequences of marketing imperfections in LDCs, and propose solutions to improve efficiency and reduce market failures.
9. Agricultural Supply Response (T-08)	29. Understanding the Concept of Supply Response in Agriculture.	<ol style="list-style-type: none"> 1. Define supply response and explain its significance in agricultural economics. 2. Identify the key factors influencing farmers' supply response, including price and non-price factors. 3. Discuss the role of government policies and market conditions in shaping agricultural supply response.
	30. Analyzing Supply Response: Theoretical and Empirical Approaches.	<ol style="list-style-type: none"> 1. Explain different models used to analyze supply response, such as Nerlovian adjustment models. 2. Evaluate short-run and long-run supply responses in agriculture. 3. Interpret empirical data and case studies related to supply response in different economies.
	31. Supply Response in Less Developed Countries (LDCs): Evidence and Challenges.	<ol style="list-style-type: none"> 1. Assess the supply response behavior of farmers in LDCs. 2. Identify the constraints affecting supply response in LDCs, such as infrastructure, technology, and market access. 3. Discuss policy measures to enhance agricultural supply response and productivity in LDCs.

10. Role of Government (T-02)	32. Rationale for Government Intervention in Agriculture	<ol style="list-style-type: none"> 1. Explain the reasons behind government intervention in the agriculture sector. 2. Critically analyze the benefits and challenges of government intervention in agriculture, considering its impact on farmers, consumers, and the overall economy.
	33. Protection of Farmers' Income	<ol style="list-style-type: none"> 1. Identify the methods used to protect farmers' income and explain their basic principles. 2. Assess the effectiveness of income protection policies for farmers, considering their impact on economic stability and rural development.
	34. Price Support Mechanisms in Agriculture	<ol style="list-style-type: none"> 1. Describe the different price support mechanisms used in agriculture. 2. Evaluate the advantages and disadvantages of various price support mechanisms in agriculture, considering their impact on farmers, consumers, and market stability.
	35. Input Subsidy – A Comparative Study	<ol style="list-style-type: none"> 1. Identify different types of input subsidies in agriculture and explain their purposes. 2. Compare the effectiveness of input subsidy policies in different countries, analyzing their impact on agricultural productivity and economic development.
11. Agricultural Sector and Economic Development. (T-08)	36. The Role of the Agricultural Sector in Economic Development.	<ol style="list-style-type: none"> 1. Explain the significance of agriculture in the overall economic development of a country. 2. Identify the key contributions of agriculture, including employment, income generation, and food security. 3. Analyze the relationship between agricultural growth and poverty reduction.
	37. The Transformation of Agriculture in the Process of Economic Development.	<ol style="list-style-type: none"> 1. Discuss the structural transformation of economies from agriculture to industry and services. 2. Evaluate the impact of technological advancements on agricultural productivity and economic growth. 3. Examine the role of government policies and investments in modernizing the agricultural sector.
	38. Challenges and Strategies for Agricultural-Led Economic Development.	<ol style="list-style-type: none"> 1. Identify the major challenges facing the agricultural sector in developing economies. 2. Assess the role of sustainable agricultural practices in long-term economic growth. 3. Discuss policy measures and strategies to enhance the contribution of agriculture to economic development.