



## Dr. SNS RAJALAKSHMI COLLEGE OF ARTS AND SCIENCE (Autonomous)

Accredited by NAAC (Cycle-IV) with 'A+' Grade,  
(Recognized by UGC & Approved by AICTE, New Delhi and Affiliated to Bharathiar University, Coimbatore)  
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**Subject:** OPEN/INTER-DISCIPLINARY ELECTIVE: BASICS OF AGRICULTURAL BUSINESS MANAGEMENT

**Code:** 21UMM601

### QUESTION AND ANSWER

#### UNIT: 4

1. Define agro-based industries and their importance - TCS | NET Exam 2022
2. List classifications of agro-based industries - Infosys | CA Exam 2021
3. Label key problems faced by agricultural industries - Reliance | CMA Exam 2022
4. Identify the role of processing industries in India's economy - Wipro | CS Exam 2021
5. Explain the basics of irrigation management - HCL | TNPSC Group Exams 2022
6. Summarize renewable energy applications in agriculture - Infosys | NET Exam 2021
7. Apply principles of industrial management to an agro-processing unit - TCS | CA Exam 2022
8. Illustrate irrigation management system with a diagram - Reliance | CMA Exam 2021
9. Analyse challenges faced by agro-industries in India - Wipro | CS Exam 2022
10. Compare traditional vs modern agro-industries - TCS | TNPSC Group Exams 2021
11. Evaluate the role of irrigation in improving agricultural productivity - Infosys | NET Exam 2022
12. Estimate cost-benefit of renewable energy use in agriculture - HCL | CA Exam 2021
13. Develop a plan to modernize an agro-based industry unit - Reliance | CMA Exam 2022
14. Organise industrial problems and solutions in a structured table - Wipro | CS Exam 2021
15. Recall the classification of agro-based industries - TCS | NET Exam 2022
16. Simplify the concept of irrigation management using practical agricultural examples - Infosys | CA Exam 2021
17. Apply management principles to solve operational problems in an agro-processing unit - Reliance | CMA Exam 2022
18. Construct a flowchart illustrating renewable energy applications in agriculture - Wipro | CS Exam 2021
19. Analyse challenges faced by agro-based industries in India - HCL | TNPSC Group Exams 2022
20. Categorize the problems faced by processing industries - Infosys | NET Exam 2021
21. Evaluate the contribution of processing industries to the Indian economy - TCS | CA Exam 2022
22. Estimate potential benefits of modern irrigation systems for farmers - Reliance | CMA Exam 2021
23. Develop a plan to modernize an agro-based industry - Wipro | CS Exam 2022
24. Organise industrial challenges and solutions in a structured table - HCL | TNPSC Group Exams 2021
25. Illustrate the process of codification and standardization in agro-industries - Infosys | NET Exam 2022
26. Prepare a checklist for implementing quality control in agro-processing - TCS | CA Exam 2021
27. Justify the need for renewable energy adoption in agro-industries - Reliance | CMA Exam 2022
28. Generate strategies to overcome problems faced by agro-based industries - Wipro | CS Exam 2021

29. A medium-sized sugar mill in Maharashtra faces frequent supply shortages due to irregular sugarcane inflow caused by monsoon uncertainty. The management is exploring biomass-based cogeneration to reduce energy dependency and improve operational efficiency. Farmers are encouraged to shift to drip irrigation to stabilize supply. However, adoption remains slow due to initial investment barriers. The company must align processing capacity with fluctuating agricultural output. Q1. Analyze how irrigation management can stabilize raw material availability for agro-based industries. Q2. Evaluate whether renewable energy adoption can reduce operational risks for the mill. - Sugar Industry – India | TNPSC Group Exams 2022
30. A dairy processing plant in Gujarat struggles with inconsistent milk quality from rural suppliers. The company introduces chilling centers and solar-powered milk testing units in villages. Despite this, lack of awareness among small farmers limits optimal usage. Continuous spoilage increases production costs and affects final product quality. Management must address the processing challenges caused by variations in rural supply infrastructure. Q1. Analyze the role of rural distribution systems in improving input quality for dairy processing units. Q2. Evaluate the effectiveness of renewable energy-based technologies in reducing spoilage - Amul Dairy Industry | CA 2021
31. A rice mill cluster in Tamil Nadu faces operational inefficiencies due to outdated processing machinery and erratic electricity supply. To overcome this, the cluster considers shifting to solar-powered milling solutions supported by government subsidies. However, the high upfront cost and lack of technical expertise delay adoption. Meanwhile, competition from modern mills intensifies. The cluster must decide how to modernize to stay competitive. Q1. Evaluate the long-term benefits of renewable energy adoption for rice milling clusters. Q2. Analyze how modernization of agro-processing units influences the Indian rural economy - Rice Milling Industry | CMA 2023
32. A fruit-processing plant in Himachal Pradesh faces seasonal glut and scarcity issues based on harvesting cycles. The firm considers cold-storage expansion and contract farming to stabilize supply. However, small farmers hesitate due to pricing uncertainties. At the same time, fruit spoilage during transit remains high due to poor rural logistics. The company must redesign its supply strategies to reduce processing losses. Q1. Analyze how contract farming can help stabilize input supply for agro-processing units. Q2. Evaluate the importance of storage infrastructure in reducing post-harvest losses - Fruit Processing Industry | NET 2020
33. A large agro-processing company producing edible oils in Andhra Pradesh faces raw material shortages due to water scarcity affecting sunflower cultivation. The company collaborates with local authorities to promote micro-irrigation and rehabilitation of farm ponds. While the initiative increases awareness, only a fraction of farmers adopt the system due to cost issues. The firm now examines long-term sustainability measures. Q1. Analyze the relationship between irrigation management and raw material stability for edible oil units. Q2. Evaluate policies that could improve farmer participation in micro-irrigation programs - Edible Oil Industry | CS 2022
34. A sericulture-based agro-industry in Karnataka struggles with inconsistent cocoon quality due to poor irrigation management in mulberry cultivation. The government offers training programs on efficient water use and disease control. However, farmer attendance and participation remain low. The company faces increasing production costs due to fluctuating quality. Sustainable water management becomes essential for industry survival. Q1. Evaluate how irrigation training programs can enhance raw material quality in agro-based industries. Q2. Analyze the challenges faced by sericulture units in maintaining consistent production levels - Sericulture Industry – Karnataka | TNPSC Group Exams 2023
35. A wheat-processing company in Punjab experiences declining input quality due to groundwater depletion and increasing reliance on tube wells. The introduction of solar irrigation pumps offers a promising alternative. Yet, farmers express concerns over maintenance and efficiency. As processing losses increase, the company explores incentives to encourage renewable irrigation adoption. Sustainable water management becomes a strategic priority. Q1. Analyze the advantages of solar irrigation pumps for sustaining agro-based industries. Q2. Evaluate strategies the company could use to increase farmer adoption of renewable irrigation systems - Wheat Processing Industry | CA 2020