



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Tech.(Food Engineering) 2019 Admission**  
**VII Semester Final Examination – December 2022**

**Fdsc.4107**

**Food Industry Management (2+1)**

**Marks: 50**  
**Time: 2 hours**

- I Fill in the blanks (10x1=10)**
1. ....is the capability of manufacturing to produce goods and services.
  2. For optimum level of quality ..... cost should be minimum.
  3. .... is a quality-control measure that lets a company determine the quality of an entire product lot by testing randomly selected samples and using statistical analysis.
  4. .... and ..... refers to two strategies that work cohesively throughout the manufacturing process.
  5. Within supply chain management and manufacturing, .....is the activity of monitoring and controlling any particular production or operation.
- Define the following**
6. Materials Management
  7. Inventory control
  8. VED Analysis
  9. Break-even analysis
  10. Industrial relations and labor welfare
- II Write short notes on ANY FIVE of the following (5x2=10)**
1. Explain the purpose of Minimum Wages.
  2. Write down the functions of management.
  3. Explain the role of Quality control Manager.
  4. Discuss the objectives of Inventory Management.
  5. What are the accepted sampling plans as per the levels of quality for a particular product?
  6. Define Food Systems.
  7. Discuss the principles and elements of MIS.
- III Answer ANY FIVE of the following (5x4=20)**
1. Explain the concept of Breakeven analysis.
  2. Explain the concept of PERT in detail.
  3. What is Economic Order Quantity? Explain the assumptions and derive an equation to calculate EOQ.
  4. Explain the concept of 'ABC' analysis with graphical representation.
  5. Explain the concept of "Supply Chain management" in food industry.
  6. Describe the various tools in value analysis.
  7. Explain the need of aggregate production planning in production industry.
- IV Write an essay on ANY ONE of the following (1x10=10)**
1. Explain the role of value chain linkage in food processing system with focus on problem solving approach.
  2. Explain in brief about the controllable factors affecting location decision.

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