# KERALA AGRICULTURAL UNIVERSITY
### B.Tech (Food.Engg) 2012 Admission
### VII<sup>th</sup> Semester Final Examination-January -2016

Cat. No: Fdsc 4107

Title: Food Industry Management (2+1)

Marks: 80.00

Time: 3 hours

**I      Define the following**                                          (10 x 1=10)

1. Financial management
2. ABC analysis
3. Incentive wage plan
4. Job production
5. Personnel management
6. Fatigue study
7. Profit sharing
8. Job evaluation
9. Break-even point
10. Product life cycle

**II Answer any ten questions**                                          (10 x 3=30)

1. Differentiate between time wage system and piece wage system
2. Discuss about group dynamics
3. Describe different types of inventory
4. Differentiate among quality inspection,quality control and quality assurance
5. Explain briefly about the different types of capitals in financial management
6. Discuss about sampling techniques in quality control and inspection
7. Explain about the strategies to ensure the worker's participation in management
8. Write short notes on management information system (MIS) in agro food processing units
9. Explain about tactical decision
10. What is budgetary control?
11. Discuss about the importance of managers in growth and development of an organization
12. Write short note on forecasting demand

**III Answer any Six questions**                                          (6 x 5=30)

1. Write a detailed description of decision making process
2. Describe the steps involved in arriving economic order quantity
3. Explain about different types of layout

4. Justify the role of advertising media to reduce the channel of distribution in marketing food products

5. To enhance the exportability of spices and plantation crops in Kerala, list out any five important management strategies

6. What are the prospects of coconut processing industries in Kerala in the emerging economic scenario?

7. What are the essential features of Hasley and Rowan plans?

8. Write about organization theory and its importance

## IV Answer any one question

(1 x 10=10)

1. Compare between Management of mega centralized food processing industry and location specific decentralized mini food processing units

2. The duration (in days) for completion of activities for a certain project is given below:

| ACTIVITY | IMMEDIATE PREDECESSOR | DURATION(Days) |
|----------|----------------------|----------------|
| A | - | 5 |
| B | - | 8 |
| C | A | 6 |
| D | B | 4 |
| E | B | 3 |
| F | C,D | 10 |
| G | E | 7 |
| H | C,D | 14 |
| I | F,G | 12 |

Find the critical path by using network diagram of PERT and CPM