KERALA AGRICULTURAL UNIVERSITY

B.Tech.Food Engg. 2013 Admission

VIIth Semester Final Examination-January 2017

Cat. No: Fdsc. 4107

Title: Food Industry Management (2+1)

Marks: 50

Time : 2 hours

I. Choose the correct answers/Fill up the blanks/ True or False : (10 x 1=10)

1. PERT is the

   a) Time oriented technique b) Event oriented technique c) Activity oriented technique
   d) Target oriented technique e) Work oriented technique

2. Break even analysis consists of

   a) Fixed cost b) Variable cost c) Fixed and variable cost d) Operation cost e) None of the above f) All of the above

3. Statistical quality control techniques are based on the theory of

   a) Quality b) Statistics c) Probability d) None of the above e) All of the above

4. In the Halsey system of wage incentive plan, a worker is

   a) Paid as per efficiency b) Ensured of minimum wages c) Not paid any bonus till his efficiency reaches 66 % d) Never a loser e) Induced to do more work

5. Which of the following is indirect cost for an industry?

   a) Cost of raw material b) Cost of machining c) Power consumption in fabrication
   d) Training for job e) None of the above f) All of the above

6. The object of plant layout could be

   a) To reduce material handling cost b) For effective utilization of space c) To increase production d) Any of the above e) None of the above

7. In time and motion study, the 'O' represents ----------

8. The type of organization in the military establishment is ---------- organization.

9. Material handling and plant location is analyzed by ---------- chart.

10. The appellate authority in industrial dispute is labour court. (T/F)

II. Write short notes/answers on ANY FIVE: (5x 2=10)

1. Compare time wage system with piece wage system

2. List out the different classification of food industries.

3. Discuss break-even point and its implication in food industry management.

4. Discuss about sampling techniques in quality control and inspection.

5. Write short notes on management information system (MIS) in agro food processing units.

6. Discuss about the importance of managers in growth and development of an organization.

7. Write short notes on forecasting demand in marketing management.

III Write answers on ANY FIVE: (5 x 4=20)

1. Write a detailed description of decision making process.

2. Describe the objectives and functions of production planning.

3. Explain about different types of layout.

4. Write about product mix, product brand and product life cycle.

5. To enhance the exportability of cashewnut 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?

IV. Write essay on any ONE (1 x 10=10)

1. Differentiate 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 CPA

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