Seat No.: ________ Enrolment No.______________

GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. - SEMESTER – VII • EXAMINATION – WINTER 2012

Subject code: 171403 **Date: 01/01/2013**

Subject Name: Entrepreneurship and Food Plant management

Time: 10.30 am - 01.00 pm **Total Marks: 70**

Instructions:

1. **Attempt any five questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1 **(a)** Explain maintenance of food plant. **04**

(b) Describe motivation and leadership. **05**

(c) What is entrepreneur and entrepreneurship? Also list characteristic of smart entrepreneur. **05**

Q.2 **(a)** Give steps for HACCP and describe ABC analysis. **07**

(b) Describe food product development process. **07**

OR

(b) Give profile of the food processing sector in India and Gujarat. **07**

Q.3 **(a)** Answer the following (Any Five) **10**

(i) Differentiate production planning and control.
(ii) What is independent purchase?
(iii)How will you calculate economic batch quantity?
(iv)Explain need for entrepreneurship.
(v) What is quality of food?
(vi)Give important segments of food processing in India.

(b) Explain following terms. (Any Four) **04**

(i)Training
(ii)Depreciation
(iii)Trademark
(iv)Bill of materials
(v)Routing

OR

Q.3 **(a)** Discuss business plan format. **07**

(b) What is structure of organization? Give types of structures with their suitability. **07**

Q.4 **(a)** Explain a balance sheet. **07**

Prepare a balance sheet from the given data for the 16th day. During 15 days following activities were carried out.

Own money invested.	Rs. 8000
Bank loan taken	Rs. 22000
Stock purchased	Rs. 10000
Stock lost	Rs. 200
Product sold	Rs. 50000
Trade creditor	Rs. 5000
Debtor	Rs. 3000

(b) (i)Describe a method of calculating cost of a product. **04**

(ii)Explain principle of JIT. **03**

OR

Q.4 **(a)** Answer the following (Any five) **10**

(i)What is ISO 9000?

(ii)What do you understand by techno-economic viability of project?

(iii)What is a business opportunity?

(iv)What is operational management?

(v)Give importance of performance appraisal.

(vi)How will you select raw materials for production?

Q.4 **(b)** What are the support institutions for promoting food processing sector? Discuss any one. **04**

Q.5 **(a)** Write short notes. (Any Two) **07**

(i)Product life cycle.

(ii) 6 σ concept.

(iii)Stages for industrial growth.

(b) What are operational and product data needed for production planning. Explain in brief. **07**

OR

Q.5 **(a)** Explain materials requirement planning (MRP). **07**

(b) (i) Discuss full costing and marginal costing. **05**

(ii) What is Kaizen concept? **02**

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