Seat No.: _____ Enrolment No._____

# GUJARAT TECHNOLOGICAL UNIVERSITY

**BE - SEMESTER–VII EXAMINATION – WINTER 2015**

**Subject Code: 171403** **Date: 09/12/2015**

**Subject Name: Entrepreneurship and Food Plant Management**

**Time: 10:30am to 1:00pm** **Total Marks: 70**

**Instructions:**

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

**Q.1** **(a)** What are the aims and functions of NSIC and NABARD? **07**

**(b)** Categorize the following inventory in A, B and C category: **07**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| 260 | 20 | 140 | 290 | 40 | 1300 | 2860 | 130 | 104 |
| 1.8 | 29.9 | 13.0 | 1.3 | 68.575 | 0.07 | 0.05 | 0.04 | 2.0 |

**Q.2** **(a)** Write down the important features of ISO, HACCP and Six Sigma as Quality Management Systems. **07**

**(b)** What is the importance of working capital? Explain the factors affecting working capital needs of a business. **07**

**OR**

**(b)** Write short notes on: **07**

i) Assessment of working capital

ii) Aims and functions of SIDC

**Q.3** **(a)** Calculate the fixed cost of an electric boiler per hour of operation in the 3rd year if its initial cost is Rs 2.50 lakhs and salvage value is Rs 15,000/- after 8 years. The rate of interest is 11% per annum on the average cost of the year. The housing and insurance charges are Rs 1000/- per month and 0.1% per annum on the initial cost of the machine of that year. Depreciation is considered to be straight line method. The boiler is used about 250 hours a year. **07**

**(b)** State the various methods of 'Training' to individuals. **04**

**(c)** How Share capital is generated? **03**

**OR**

**Q.3** **(a)** Write a note on : **07**

i) Deferred payments

ii) ABC Analysis

**(b)** What are the qualities and functions of good leadership? **04**

**(c)** Discuss what are included in the Current liabilities of an industry? **03**

**Q.4** **(a)** What are the objectives of maintenance of the machine? Discuss different types of maintenance carried out in the food processing industry. **07**

**(b)** Describe the different types of production systems with their advantages and limitations. **07**

**OR**

**Q.4** **(a)** What are different utilities used in the food processing industry? How their charges are included in the costing of the product? Explain with suitable example. **07**

**(b)** Write short notes on: **07**

i) Operation management
ii) Production Planning and Control

| | | | |
|---|---|---|---|
| **Q.5** | **(a)** | What is personnel management? Discuss the objectives and functions of personnel management. | **07** |
| | **(b)** | State the five preliminary tasks in the development of HACCP plan. | **04** |
| | **(c)** | Write a note on applications of JIT? | **03** |

**OR**

| | | | |
|---|---|---|---|
| **Q.5** | **(a)** | What do you mean by Organization Structure? Explain the types and advantages of organization structure. | **07** |
| | **(b)** | Enlist the steps to be followed for implementation of ISO-9000 in the organization. | **04** |
| | **(c)** | Discuss limitations of the JIT system in the food processing industry? | **03** |

**********