Seat No.:	Enrolment No
-----------	--------------

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V (NEW) - EXAMINATION - SUMMER 2017

Subj	ect 1 e:02	Code: 2151407 Date: 10/05/2017 Name: Entrepreneurship and Food Plant Management :30 PM to 05:00 PM Total Marks: 70	
iisti u	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1		Answer the following question in brief.	14
	1)	Define Manufacturing lead time.	
	2)	Storing of food grains in warehouses adds a value to the grains. Justify.	
	3)	Idling of resources leads to the waste generation. Justify.	
	4)	Define fixed cost.	
	5)	Elaborate SEEUY.	
	6)	State the significance of forecasting.	
	7)	Highlight on Operational decisions.	
	8)	Define Routings.	
	9)	What are advantages of entrepreneurship?	
	10)	Define Recorder level of independent demand purchase.	
	11)	·	
	12)	State the importance of Maintenance and replacement.	
	13) 14)	·	
	14)	Define Floductivity.	
Q.2	(a)	What can be expected from successful entrepreneur?	03
~	(b)	Company XYZ manufactures fruit squash for a stable market demand of 650	04
	()	kg per month. The machine set up cost per batch is Rs. 3700/- and stock holding cost is 7.5% of stock value per annum. If the cost of fruit squash per kg is Rs. 225/-, calculate EBQ (Economic Batch Quantity).	
	(c)	Compare Production Planning and Production control.	07
	(0)	OR	0.
	(c)	Define Quarantine Area. Discuss the functions of stores department in detail.	07
Q.3	(a)	Highlight on the role of NABARD in agro-based industries.	03
	(b)		04
	(c)	Calculate the value of depreciation of a grinding machine in the third year,	07
		whose initial cost is Rs 150,000/- and salvage value is Rs 15,000/- and life is	
		10 years by	
		i. Straight line method	
		ii. Fixed rate of 8% per annum	
		iii. Variable rate (first year 7%; second year 11% and third year 15%)	

Q.3	(a) (b)												03 04
	(c)										07		
Q.4	(a) (b) (c)	In a food processing industry, what can be included in Current assets?. "India has potential to become World Food Factory." Justify the statement. 07									03 04 07		
Q.4	(a) (b) (c)	Differentiate between tactical decision and strategic decisions.									03 04 07		
Q.5	 (a) What are advantages and limitations of small batch sizes? (b) Briefly explain set up reduction and supplier integration techniques of JIT (Just in Time) concept. (c) What do you understand by ABC Analysis? Categorize the following and comment on their inventory categorization with ABC analysis. 										03 04 07		
		Item No.	nent or	2	3	ory ca	tegoriz 5	2ation 6	$\frac{\text{with Al}}{7}$	8	11ys1s. 9	10	
		Annual usage	21	11	72	60	105	44	2	6	1100	6	
		Cost per unit (Rs)	710	75	130	20	4	6	1800	250	2	75	
Q.5	(a) (b) (c)	State the significance of working capital for a organization. 04									03 04 07		

characteristics.