Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY BE – SEMESTER VIII– • EXAMINATION – SUMMER 2015

Subject Code: 181402Date: 11/05/2Subject Name: Horticultural Produce ProcessingDate: 11/05/2			
Time: 10.30am-01.00pm Total Marks: Instructions:			
	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Define 'Post harvest loss' and explain various factors affecting on post harvest losses of food commodities.	07
	(b)		07
Q.2	(a) (b)		07 07
	(b)	Write down flow diagram for preparation of tomato ketchup and give legal specifications for various tomato products.	07
Q.3	(a) (b)		07 07
Q.3	(a) (b)		07 07
Q.4	(a)	What do you mean by respiratory quotient? Write in detail about respiratory substrates.	07
	(b)	Explain the techniques used for measurement of respiratory gases during storage. OR	07
Q.4	(a)	Give process flow diagram for manufacture of mango pickle and explain the role of individual pickle ingredients.	07
	(b)	· · ·	07
Q.5	(a) (b)		07 07
Q.5	(a)	OR	07
Q.J	(a)	a. Blanching of fruits and vegetablesb. Juice clarification using gelatin.	07
	(b)	Give the FPO specifications of jam and describe the technological flow chart for preparation of jam.	07
