Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION - WINTER 2013

Subj	ect C	ode: 170402 Date: 05-12-2	013
•	: 10:3	ame: Agricultural and Food Biotechnology 30 TO 01:00 Total Marks	: 70
	1. A 2. N	ttempt all questions. Iake suitable assumptions wherever necessary. igures to the right indicate full marks.	
Q.1	(a)	Define: a) Transgeneb) Agroinfectionc) Electroporation	07
	(b)	Discuss on two major industrial traits by engineering crop plants.	07
Q.2	(a) (b)	What is Organic Farming and discuss its principle aims. Elaborate the role of Marine Biotechnology OR	07 07
	(b)	State the benefits and limitations of Biofertilizers	07
Q.3	(a)	b) Symbiosis	07
	(b)	c) Autotrophic organism Write a detail note on food borne diseases. OR	07
Q.3	(a) (b)	1 1	07 07
Q.4	(a)	Define food processing and explain briefly the various unit operations for food processing.	07
	(b)		07
Q.4 Q.4		Write a note on Molecular Pharming. Describe in detail neutraceutics.	07 07
Q.5	(a) (b)		07 07
Q.5	(a)		07
	(b)		07
