Seat No.:	Enrolment No.

Subject code: 130402

GUJARAT TECHNOLOGICAL UNIVERSITY

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

Date: 10-01-2013

Subj	ect N	lame: Cell Biology	
Time	e: 10	30 am – 01.00 pm Total Marks: 70)
Insti	ructi	ons:	
	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)		08 06
Q.2	(a)		07
	(b)	Write a short note on Rough Endoplasmic Reticulum. OR	07
	(b)	Discuss types of lysosomes.	07
Q.3	(a) (b) (c)	Write a short note on physical nature of cytoplasm.	07 05 02
Q.3	(a) (b) (c)	Explain the structure of endospore with its germination process. Discuss types of ribosomes.	07 05 02
Q.4	(a) (b) (c)	diagram. Write a short note on structure of gas vesicle. Draw a neat diagram of plant cell.	07 04 03
Q.4	(a) (b) (c)	Write a short note on slime layer.	07 04 03
Q.5	(a) (b)	1	10 04
Q.5	(a) (b)	Give detail account on Dark reaction.	10 04
