Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY B. Pharm. – SEMESTER – I • EXAMINATION – SUMMER • 2015

Subject Code: 2210001Date: 25-05-2015Subject Name: Unit Operation-ITotal Marks: 80Time: 02:30 pm - 05:30 pmTotal Marks: 80Instructions:Total Marks: 80			
	2.	Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b) (c)	Discuss the objectives and importance of size reduction with examples. Explain particle size determination by sedimentation. Write a detailed note on solvents used for extraction.	06 05 05
Q.2	(a) (b) (c)	Discuss various mechanisms of size reduction with examples.	06 05 05
Q.3	(a) (b) (c)		06 05 05
Q.4	(c) (a) (b) (c)	Write a note on Mier's super saturation theory.	06 05 05
Q.5	(a) (b) (c)	Discuss the pharmacopeial standards of sieves.	06 05 05
Q. 6	(a) (b) (c)		06 05 05
Q.7	(a) (b) (c)	and precipitation.	06 05 05
