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Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – I • EXAMINATION – SUMMER • 2015

		Diffusion Selving Text 1 Extra vision Selvine 2015					
•	-	Code: 2210001 Date: 25-05-2015	Date: 25-05-2015				
Subject Name: Unit Operation-I Time: 02:30 pm - 05:30 pm Instructions:		2:30 pm - 05:30 pm 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)		06 05 05				
Q.2	(a) (b) (c)	·	06 05 05				
Q.3	(a) (b) (c)	•	06 05 05				
Q.4	(a) (b) (c)	Write a note on Mier's super saturation theory. Define 1. Mixing 2. Mixing index 3. Positive Mixing 4. Negative Mixing 5. Neutral mixing with examples. Explain construction, working, advantage and disadvantage of fluid energy mill.					
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. Discuss the elements of automated process control systems.	06 05 05				
