Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

M. Pharm. – SEMESTER – II • EXAMINATION – SUMMER • 2014

Subj	ject (Code: 2920102 Date: 29-05-2014	
Time	e: 02	Name: Novel Drug Delivery System Part-1 2:30 pm - 05:30 pm Total Marks: 80	
Instr	1. 2.	ns: Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b) (c)	the formulation attributes for sublingual drug delivery system. Write a note on 'Mouth Dissolving Tablets'.	
Q.2	(a) (b) (c)	Write the applications of particle coating.	
Q.3	(a) (b) (c)	Write a note on 'Approaches for Parenteral Depot Formulations'.	
Q.4	(a) (b) (c)	Write the factors affecting drug release from Osmotic Drug Delivery System.	
Q.5	(a) (b) (c)	Describe Wruster process for particle coating. Classify different types of osmotic pumps. Discuss any one in detail. Write a note on Parenteral emulsions.	06 05 05
Q. 6	(a) (b)	Discuss the evaluation parameters for suspension. Describe formulation aspects, excipients used in manufacturing and evaluation parameters of effervescent antacid granules.	06 05
Q.7	(c) (a) (b)	Write a note on Emulgels. Write a note on solubility enhancement of the poorly soluble drugs. Explain in detail excipients used, factor affecting and formulation aspects of low density floating drug delivery system.	05 08 08
