Seat No.:	Enrolment No
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## GUJARAT TECHNOLOGICAL UNIVERSITY

DIPLOMA PHARMACY - SEMESTER-II • EXAMINATION-SUMMER • 2014

Subject Code: 420001			TT	Date: 19-05-2014			
	e: 10	Name: Pharmaceutics - ):30 am - 01:30 pm ns:	11	Total Ma	rks: 80		
	1. 2.	Attempt any five questions Make suitable assumption Figures to the right indica	s wherever ne	ecessary.			
Q.1	(a) (b) (c)	Write a note on Evaluation of Suspension					
Q.2	(a) (b) (c)	Write a note on Displacement Value OR HLB Value					
Q.3	(a)	Define and Classify Parenteral Dosage Forms. Enumerate various Routes of					
	<b>(b)</b>	Injection Discuss various Formula Ingredients used in Injection preparation with suitable  overplas					
	(c)	examples. Write a note on Sterility Testing  0:					
Q.4	(a)	Classify Incompatibilities in brief. Suggest ways of Correction of					
	<b>(b)</b>	Incompatibilities. Comment on following recipes  a. Rx  b. Rx					
		Phenol Menthol Tragacanth Olive Oil Lime Water to mak	0.5 gm 0.1 gm 0.5 gm 50 ml te 100 ml	Quinine Sulphate Dil. Sulphuric Acid Potassium iodide Water to make	1.5 gm 3.5 ml 8 gm 200 ml		
Q.5	(a) (b)	Classify and differentiate various Semisolid Dosage Forms Write a detailed note on Method of Preparation of Ointment by Chemical reaction with suitable example					
	(c)	Write a brief note on Dusting Powder OR Effervescent Powder  05					
Q. 6	(a) (b)	How Pediatric Doses are calculated? Enumerate various Factors affecting Fixation of Dose. Discuss any TWO of them in detail					
	(c)	Write a note on Parts of Prescription 0s					
Q.7	(a) (b) (c)	Discuss various Types of Mixures.  Write a note on Oriented-Wedge Theory of Emulsification  Write a note on Shampoo OR Dentifrices					

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