BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI (END SEMESTER EXAMINATION)

	(END SEMESTER EXAMINATION)						
CLA: BRA	SS: NCH:	M. PHARM PHARMACY			SEMESTER : I SESSION : MO/20	22	
TIME	E:	3:00 Hours	SUBJECT: MPH102T D	RUG DELIVERY SYSTEMS	FULL MARKS: 75		
INSTRUCTIONS: 1. The missing data, if any, may be assumed suitably. 2. Before attempting the question paper, be sure that you have got the correct question paper. 3. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall. 5. Answer any five questions.							
1a. 1b.			ting mucoadhesion in oral o pproaches to intragastric f	cavity. loating drug delivery systems.		[7] [8]	
2a. 2b.	Discu		li sensitive systems increase drug delivery t	hrough buccal route. Also disc	cuss the mechanism of	[7] [8]	
3a. 3b.	deliv i. ii ii	ery Discuss the effe activated dr Write a short no ii.	cts of Polymer solubility on ug delivery systems	brane Hybrid systems and Mic controlled release drug deliver verosion regulated delivery syste	ry. Discuss the magnetic	[7] [8]	
4a. 4b.	Discu Discu i.	ss the following de Osmotic Deliver	ting the design of oral sust livery systems with proper of y system for Solids and Liqu elivery system and Vapour	equations wherever required: id formulations		[7] [8]	
5a. 5b.	Elabo			nd transdermal and discuss	about components of	[7] [8]	
6a. 6b.			ideration of protein based ines and mechanism of acti			[7] [8]	
7a. 7b.			of transdermal delivery syst a aspects of ocular delivery			[7] [8]	

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