Enrolment No.\_\_\_\_\_

## **GUJARAT TECHNOLOGICAL UNIVERSITY** B. Pharm. – SEMESTER – III • EXAMINATION – SUMMER • 2015

Subject Code: 2230002 Date: 09-06-20		Code: 2230002 Date: 09-06-2015	
Subject Name: Pharmaceutical EngineeringTime: 02:30 pm To 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)		06 05 05
Q.2	(a) (b) (c)	Describe types of fluid flow.	06 05 05
Q.3	(a) (b) (c)	Describe in brief about orifice meter.	06 05 05
Q.4	(a) (b) (c)	Write a note on Multipass Heatexchanger.	06 05 05
Q.5	(a) (b) (c)	in series. Enlist different types of valve. Describe check valve.	06 05 05
Q. 6	(a) (b) (c)	C C	06 05 05
Q.7	(a) (b) (c)	Describe in brief about glass as a material for pharmaceutical plant construction.	06 05 05

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