Seat 1	No.:	Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY	
		M. Pharm SEMESTER - I • EXAMINATION - SUMMER • 2014	
Sub	ject	Code: 910202 Date: 26-05-2014	
Sub	ject	Name: Industrial Pharmacy Practice	
Tim	e: 02	2:30 pm - 05:30 pm Total Marks: 80	
Instr	uctio	ons:	
		Attempt any five questions.	
		Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
	3.	rigures to the right indicate full marks.	
Q.1	(a)	Discuss product protection in context to role of HVAC in pharmaceutical Industry.	06
	(b)		05
	(c)	Discuss Design and Construction features in context to Building and facilities under GMP.	05
Q.2	(a)	Discuss various aspects to be considered in selection of location for Pharmaceutical factory.	06
	(b)	Discuss principle, construction and working of Triple roller mill.	05
	(c)	Prepare departmental layout with equipment required for semisolid dosage form.	05
Q.3	(a)	Prepare departmental layout with equipment required for liquid orals.	06
	(b)		05
	(a)	up technique. Write a not on: BMR and BPR for manufacturing of parenteral dosage forms.	05
	(c)	write a not on: BIVIR and BPR for manufacturing of parenteral dosage forms.	05
Q.4	(a)	·	06
	(b)	• •	05
	(c)		05
Q.5	(a)	diagram showing various functions of production planning and control.	06
	(b)		05
	(c)	Write a short note on: GMP & its implementation for Active Pharmaceutical Ingredients.	05
Q. 6	(a)	· · · · · · · · · · · · · · · · · · ·	06
	(b)		05
	(c)	Write a note on Batch Packing Record.	05
Q.7	(a)	Write the requirements of plant and equipments for the manufacture of ophthalmic preparations under revised schedule M.	06
	(b)	Describe the parameters to be considered during the scale up of Tablet Coating.	05
	(c)	Write a note on Returned and Salvaged drug products in context to GMP.	05
