Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY D.Ph. - SEMESTER-I • EXAMINATION – SUMMER 2013

Subject Code: 410001

Subject Name: Pharmaceutics I Time: 10.30 am - 01.30 pm

Instructions:

Date: 09-05-2013

Total Marks: 80

- 1. Attempt any five questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

(b)Discuss the defects of tablets and their remedies.05(c)Write a detailed note on Indian Pharmacopoeia.05Q.2(a)Define Tablets. Enumerate Various Classes of Tablets. Write briefly on Implants.06(b)Write a brief note on coating of a tablet.05(c)Give principle, working and application of fluid bed dryer.05Q.3(a)Discuss mechanisms of Size Reduction.06(b)Give principle, working and application of fluid energy mill.05(c)Classify containers. What are the desired features of containers?05Q.4(a)Write a note on different types of glass for the use as containers.06(b)Discuss sedimentation method of size separation.05Q.5(a)Describe with labeled diagram: Triple roller mill.06(b)Write in brief about mixing of semi-solids.05Q.6(a)What are factors affecting evaporating still.05Q.6(a)What are factors affecting evaporation?06(b)Differentiate between simple and steam distillation.05Q.7(a)What different sizes of capsules is available market? Give their application.06(b)Write a note of immunological products.05	01	()		0(
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		(b)	Write a note of immunological products.	05
		(c)	Define mixing and classify the mixers.	05
