Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY B. Pharm - SEMESTER-VIII EXAMINATION - SUMMER 2017

Subject Code: 280002 Date: 29/04/2017

Subject Name: Pharmaceutical Technology-II

Time: 10:30 AM to 01:30 PM Total Marks: 80

Instructions:

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

Q.1	(a) (b) (c)	Write note on in-process quality control test of tablet Mfg Explain GMP with special ref. to personnel. Give the difference between wet granulation and dry granulation	06 05 05
Q.2	(a) (b) (c)	Discuss the processing problems of tablets with remedies Write a note on excipients and additives used in the capsule formulation Classify cosmetics and write a short note on vanishing cream	06 05 05
Q.3	(a) (b)	Explain the method of manufacturing and evaluation of floating tablets. What is SOP? Explain SOP requirements in processing and packaging operation	06 05
	(c)	Discuss the premises facility requirements as per GMP.	05
Q.4	(a) (b) (c)	Explain the classification of tablet tooling Describe biodegradable and non-biodegradable polymers used in microcapsules Explain quality control tests of hard and soft gelatin capsules	06 05 05
Q.5	(a)	Explain the term microsphere and give its importance	06
	(b) (c)	Give advantage and disadvantages of hard gelatin capsules Discuss sugar coating in detail	05 05
Q. 6	(a) (b) (c)	Give the formulation and evaluation of dentifrice Discuss regulatory requirements in pharmaceutical packaging What is tamper evident package? Describe blister package.	06 05 05
Q.7	(a)	Discuss the evaluation parameters for mouth dissolving tablet	06
	(b) (c)	What is documentation? Describe batch manufacturing records Write a brief note on shaving cream	05 05
