Enrollment No:	Exam Seat No:

C.U.SHAH UNIVERSITY

		Summer Examination	-2017	
9	•		0 Marks: 70	
	(2) I (3) I	Use of Programmable calculator & any other electronic Instructions written on main answer book are strictly to Draw neat diagrams and figures (if necessary) at right passume suitable data if needed.	be obeyed.	
Q-1		Give causes and remedies for the following probled during manufacturing of tablet:	ms which may occur	(14)
	a)	Picking		02
	b)	Sticking		02
	c)	Capping		02
	d)	Lamination		02
	e)	Cracking		02
	f)	Mottling		02
	g)	Orange peel effect		02
Attem	npt any f	four questions from Q-2 to Q-8		
Q-2		Attempt all questions		(14)
	a)	Describe the formulation of Tablets – Excipients		07
	b)	Briefly explain the granulation techniques.		07
Q-3		Attempt all questions		(14
	a)	Discuss the methods for evaluation of tablets.		07
	b)	What are the types of coating processes? Describe sug	gar coating	07
Q-4		Attempt all questions		(14)
	a)	Discuss the advantages and disadvantages of (i) Hard capsules.	capsules and (ii) Soft	07



07

b) Explain the preparation process of soft gelatin capsules.

Q-5		Attempt all questions	(14)
	a)	Give the formulation of hard capsule.	07
	b)	Enumerate the methods of preparation of microcapsules. Discuss any two	07
Q-6		Attempt all questions	(14)
	a)	Give the classification of extrusion process. Explain any one	07
	b)	Enumerate the pelletization techniques. Explain any two	07
Q-7		Attempt all questions	(14)
	a)	Write a note on Glass as a packaging material for pharmaceutical dosage forms.	07
	b)	Write a note on tamper-proof packaging.	07
Q-8		Attempt all questions	(14)
-	a)	What is GMP? Write a note on building and equipment according to GMP.	07
	b)	What is validation? Describe the validation of hot air oven.	07

