

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D – 1st Year • EXAMINATION – SUMMER - 2017

Subject Code: 818802
Subject Name: Pharmaceutics
Time: 10.30 AM to 01.30 PM

Date: 29/05/2017
Total Marks: 70

Instructions:

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

Q.1	(a) Define Posology. Explain various formula used for calculating the dose for children.	06
	(b) Enlist the various content of Indian Pharmacopiea.	04
	(c) Discuss allegation and proof sprit.	04
Q.2	(a) Define powders, gives its merits and demerits. Explain dusting powder.	06
	(b) Define the various terms Eutectic powder, Explosive powder, Tooth Powder and Effervescent Powder.	04
	(c) Discuss method of preparation of Effervescent powder.	04
Q.3	(a) Write a note on stability of emulsion.	06
	(b) Enlist various advantages and disadvantages of suspension.	04
	(c) Enlist various evaluation tests for emulsion and discuss in details.	04
Q.4	(a) Define the term prescription and discuss it various parts.	06
	(b) Define the various terms gargles, mouth washes, throat paint and ear drops.	04
	(c) Differentiate between liniment and lotion.	04
Q.5	(a) Discuss in details about enemas and collodions.	06
	(b) Differentiate between percolation and maceration.	04
	(c) Define the term Infusion, Decoction, Tinctures and Spirits.	04
Q. 6	(a) Write a note on Displacement value giving suitable example.	06
	(b) Enlist advantages and disadvantages of suppositories.	04
	(c) Define the term sutures, ligatures, sponge and surgical dressings.	04
Q.7	(a) Define Incompatibility. Enumerate various types of Physical Incompatibility.	06
	(b) Explain chemical incompatibility due to precipitation by chemical reaction.	04
	(c) Give the remedy to overcome incompatibility due to liquefaction.	04
