

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**PHARM.D YEAR-1 EXAMINATION – WINTER-2019**

**Subject Code: 818802**

**Date: 15/11/2019**

**Subject Name: Pharmaceutics**

**Time: 02:30 PM TO 05:30 PM**

**Total Marks: 70**

**Instructions:**

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

<b>Q.1</b>	<b>(a)</b> Enlist the various content of Indian Pharmacopoeia.	<b>06</b>
	<b>(b)</b> Discuss allegation and proof spirit.	<b>04</b>
	<b>(c)</b> Write History and development of Pharmacy Profession.	<b>04</b>
<b>Q.2</b>	<b>(a)</b> Define Prescription. Discuss Various parts of Prescription.	<b>06</b>
	<b>(b)</b> Discuss method of preparation of Effervescent powder.	<b>04</b>
	<b>(c)</b> Define Posology. Discuss factors Affecting Dose selection.	<b>04</b>
<b>Q.3</b>	<b>(a)</b> Classify Dosage forms. Define: Tablets, Syrup, Powder Suspension, Emulsion.	<b>06</b>
	<b>(b)</b> Write a note on stability of emulsion.	<b>04</b>
	<b>(c)</b> Differentiate between liniment and lotion.	<b>04</b>
<b>Q.4</b>	<b>(a)</b> Write a note on evaluation tests for Suspension.	<b>06</b>
	<b>(b)</b> Define the various terms gargles, douches, mouth wash and eye drops.	<b>04</b>
	<b>(c)</b> Discuss Advantages and disadvantages of Powder.	<b>04</b>
<b>Q.5</b>	<b>(a)</b> Enlist various evaluation tests for emulsion and discuss in details.	<b>06</b>
	<b>(b)</b> Define Suppositories. Write advantages and disadvantages of Suppositories.	<b>04</b>
	<b>(c)</b> Differentiate between percolation and maceration.	<b>04</b>
<b>Q. 6</b>	<b>(a)</b> Write a note on Displacement value giving suitable example.	<b>06</b>
	<b>(b)</b> Discuss types of base used in Suppositories.	<b>04</b>
	<b>(c)</b> Write a note on Physical Incompatibility.	<b>04</b>
<b>Q.7</b>	<b>(a)</b> Write a short note on Surgical aids.	<b>06</b>
	<b>(b)</b> Give the remedy to overcome incompatibility due to liquefaction.	<b>04</b>
	<b>(c)</b> Explain chemical incompatibility due to precipitation by chemical reaction.	<b>04</b>

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