

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**Pharm. D- I- Year EXAMINATION – WINTER-2021**

**Subject Code: 818802****Date: 17/02/2022****Subject Name: Pharmaceutics****Time: 10:30AM to 01:30PM****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>	(a) Define Prescription. Discuss Various parts of Prescription.	<b>06</b>
	(b) Define: Tablets, Syrup, Suspension, Emulsion.	<b>04</b>
	(c) Discuss history and development of Pharmacy Profession.	<b>04</b>
<b>Q.2</b>	(a) Define Posology. Explain various formula used for calculating the dose for children.	<b>06</b>
	(b) Write a note on Indian National Formulary.	<b>04</b>
	(c) Discuss allegation and proof spirit.	<b>04</b>
<b>Q.3</b>	(a) Discuss historical back ground and development of profession of pharmacy and pharmaceutical industry.	<b>06</b>
	(b) Define a) Gargle b) Throat paint	<b>04</b>
	(c) Define suspension. Classify them.	<b>04</b>
<b>Q.4</b>	(a) Define powder. Classify them. Write advantages and disadvantages of powder.	<b>06</b>
	(b) Define a) Liniments b) Lotion	<b>04</b>
	(c) Describe identification tests	<b>04</b>
<b>Q.5</b>	(a) Discuss stability studies of emulsion.	<b>06</b>
	(b) Write a note on eutectic and explosive powders.	<b>04</b>
	(c) Write a note on suppository bases.	<b>04</b>
<b>Q. 6</b>	(a) Define suppository and pessary. Give their advantages and disadvantages.	<b>06</b>
	(b) Write a note on insufflations and dusting powders.	<b>04</b>
	(c) Discuss evaluation of suppository.	<b>04</b>
<b>Q.7</b>	(a) Discuss method of preparation of spirits and tinctures.	<b>06</b>
	(b) Define sutures and ligatures.	<b>04</b>
	(c) Write a short note on Indian Pharmacopoeia.	<b>04</b>

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