

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D. FIRST YEAR EXAMINATION – SUMMER 2023

Subject Code: Pharmaceutics**Date:05/08/2023****Subject Name: 818802****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.

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| Q.1 | (a) Write History and development of Pharmacy Profession | 06 |
| | (b) Write a note on Indian National Formulary. | 04 |
| | (c) Discuss historical back ground and development of profession of pharmacy and pharmaceutical industry | 04 |
| Q.2 | (a) Define Posology. Explain various formula used for calculating the dose for Children. | 06 |
| | (b) Define: Suspension, Emulsion, cream and ointments. | 04 |
| | (c) Discuss Advantages and disadvantages of suspension. | 04 |
| Q.3 | (a) Discuss allegation and proof spirit. | 06 |
| | (b) Discuss method of preparation of Effervescent powder. | 04 |
| | (c) Give a note on stability of emulsion. | 04 |
| Q.4 | (a) Define and classify Monophasic liquid dosage form | 06 |
| | (b) Differentiate Lotion and Liniment | 04 |
| | (c) Define : i) Gargle ii) Throat paint | 04 |
| Q.5 | (a) Define Suppositories. Write advantages and disadvantages of Suppositories. | 06 |
| | (b) Write a note on Displacement value giving suitable example. | 04 |
| | (c) Write a note on Emulsifying agents. | 04 |
| Q. 6 | (a) Write a note on insufflations and dusting powders. | 06 |
| | (b) Explain chemical incompatibility due to precipitation by chemical reaction. | 04 |
| | (c) Write a note on Physical Incompatibility | 04 |
| Q.7 | (a) Write a short note on Surgical aids | 06 |
| | (b) Discuss percentage solutions & isotonic solutions | 04 |
| | (c) Discuss in details about enemas and collodions. | 04 |
