

GUJARAT TECHNOLOGICAL UNIVERSITY**D.Ph. - SEMESTER-II • EXAMINATION – SUMMER 2013****Subject Code: 420001****Date: 10-05-2013****Subject Name: Pharmaceutics-II****Time: 10.30 am - 01.30 pm****Total Marks: 80****Instructions:**

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

- Q.1** (a) Define Incompatibility. Explain any one type of incompatibility in detail. **06**
(b) Describe the formulation of effervescent powders. **05**
(c) Give the difference between paste and ointment. **05**
- Q.2** (a) What is prescription? Describe various parts of a prescription. **06**
(b) Write a note on ðCreamö. **05**
(c) Translate the following latin terms: **05**
1) Nocte 2) Cremor 3) Pulvis 4) Ter in die 5) Sumendus
- Q.3** (a) 1) How much of a 3 % ointment must be added to 50 gm of 15 % ointment to make 10 % ointment? **06**
2) How many grains of a drug are required to make 4 fl. Oz of a 4 % solution?
(b) Give the classification of incompatibility. **05**
(c) Give the classification of liquid dosage form. **05**
- Q.4** (a) Enumerate various methods for adjustment of isotonicity. Discuss any one in detail. **06**
(b) Write a note on lipstick. **05**
(c) Give the difference between flocculated and deflocculated suspension. **05**
- Q.5** (a) Define posology. Discuss the factors affecting dose of medicament. **06**
(b) What are the ideal properties of ointment bases? **05**
(c) Write a note on coloring agents used for pharmaceutical products. **05**
- Q. 6** (a) Define emulsion. Discuss the methods for preparation of emulsion. **06**
(b) Give the classification of suppository bases. **05**
(c) Define the followings: **05**
1) Elixirs 2) Suspension 3) Glycerites 4) Enemas 5) Draught
- Q.7** (a) What is parenteral dosage form? Discuss the formulation ingredients for parenteral dosage forms. **06**
(b) Write a note on formulation of dentifrices. **05**
(c) Write a note on HLB value. **05**
