

**PARUL UNIVERSITY**  
**FACULTY OF PHARMACY**  
**B.Pharm. Winter 2018-19 Examination**

**Semester: 2****Subject Code: 08101153****Subject Name: Dispensing Pharmacy****Date: 06/12/2018****Time: 2:00 PM TO 5:00 PM****Total Marks: 75****Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

**Q.1 Essay type Questions. (Any 2 out of 3) (10 marks each)****(20)**

1. Define Prescription. Discuss the different parts of the ideal prescription with example. Explain the sources of errors in prescription.
2. Define Posology. Enumerate and Discuss factors affecting to the fixation of dosage.
3. Classify liquid Dosage forms. Discuss Biphasic Liquid dosage forms with examples.

**Q.2 Short Essay type Questions. (Any 7 out of 9) (5 marks each)****(35)**

1. Give the labeling requirements of the following dispensed products.  
Draughts, Emulsions, Effervescent granules, Lozenges, Cachets
2. Describe various methods of calculating doses for children & infants.
3. Explain in brief about: Elixirs, Douches, Linctuses, Powder and Inhalation.
4. Define incompatibility. Discuss Therapeutic incompatibility.
5. Explain tolerated incompatibility and adjusted incompatibility with suitable example.
6. Enlist ideal requirements of suppository base. Discuss oleaginous base of suppository in detail.
7. Distinguish the following pairs
  - I) Lotion with liniments
  - II) Gargles with mouthwash
8. Write a note on powders for external use.
9. Discuss problems of powders containing deliquescent and efflorescent substances with their remedies.

**Q.3 Answer in short. (2 marks each)****(20)**

1. Discuss some important advisory and cautionary labels.
2. Differentiate between syrup & elixir.
3. What is the difference between Ointment & Paste.
4. Write a note on effervescent Powders.
5. Define and give the importance of Pharmacopoeia.
6. Give the labeling requirements for Ophthalmic products.
7. Comment : i) Syrup IP is self-preservative.  
ii) Glycerin is used as a vehicle for throat paints.
8. Calculate the dose for a 9 months old infant and a child of \_\_\_\_\_ years of age when the adult dose of a drug is 100 mg.
9. Find out the concentration of sodium chloride required to prepare 1.5 % solution of Cocaine hydrochloride iso osmotic with blood plasma.  
Freezing point of 1 % Cocaine hydrochloride =  $-0.09^{\circ}\text{C}$   
Freezing point of 1 % sodium chloride =  $-0.58^{\circ}\text{C}$
10. Calculate the amount of 70%, 60%, 40% and 30% alcohol that should be mixed to get 120ml of 50% alcohol.