

**I B. Pharmacy I Semester Supplementary Examinations, February - 2019**  
**DISPENSING PHARMACY & ETHICS**

Time: 3 hours

Max. Marks: 70

- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)  
2. Answering the questions in **Part-A** is Compulsory  
3. Answer any **THREE** Questions from **Part-B**
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**PART -A**

1. a) Calculate the dose for an infant of 8 months of a drug for which the adult dose is 500mg. (3M)
- b) Write about Strong solution of Ammonium acetate. (4M)
- c) Write about gels. (3M)
- d) Rx (4M)  
Tetracycline hydrochloride-----250mg  
Make capsules. Send such 10 capsules  
Label: Take one capsule every six hours with milk.  
Name the incompatibility in above formulation and explain incompatibility and its correction method.
- e) Write about tinctures. (4M)
- f) Write about dry extracts. (4M)

**PART -B**

2. a) Define posology. Write the equations used to calculate child dose. (8M)
- b) Supply 8 suppositories of theobroma oil each weighing 12 gm and containing 2 gm of Iodoform. (Displacement value of Iodoform is 4.0) (4M)
- c) Calculate the real strength of alcohol corresponds to 36<sup>0</sup> U.P. and 44.6<sup>0</sup> O.P. (4M)
3. a) Write about Mixtures and give an example for mixture and its dispensing method. (8M)
- b) Explain about stability problems of emulsions and dispensing procedure of emulsions. (8M)
4. a) Write about syrups, applications and general characteristics of syrups. (8M)
- b) Define suspension, classification, applications of suspensions and evaluation of suspensions. (8M)
5. a) Explain about physical incompatibility with examples. (10M)

- b) Rx (6M)
- Sodium bicarbonate -----1.5 gm  
Borax-----1.5 gm  
Phenol-----0.75 gm  
Glycerine-----25.00gm  
Water upto-----100.00ml

Name the incompatibility in above formulation and explain incompatibility and its correction method.

6. a) Write about different ointment bases and write ointment preparation methods. (10M)  
b) Write about soft gelatin capsules and their applications. (6M)
7. a) Write about code of ethics of pharmacist in relation to his trade. (8M)  
b) Write about code of ethics of pharmacist in relation to his job. (8M)