

Code No: PHR16115

**R16****SET - 1****I B. Pharmacy I Semester Supplementary Examinations, February - 2019**  
**GENERAL AND DISPENSING PHARMACY**

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 **FOUR** Questions from **Part-B**
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**PART -A**

1. a) Write about Indian National Formulary. (2M)
- b) Send 300ml of a solution of acetic acid containing 4% of real acetic acid. The strength of real acetic acid is 33%. Calculate the required amount of real acetic acid. (2M)
- c) Write about Mixtures. (2M)
- d) Define syrups and write the applications of syrups. (2M)
- e) Define incompatibility and classify the incompatibilities. (2M)
- f) Write the meaning of following Latin terms. (2M)  
(i) Bis in die (ii) cibos
- g) Find out how many parts of 40%, 70%, 60% and 20% alcohol should be mixed to get 50% of alcohol. (2M)

**PART -B**

2. a) Explain the origin and development of the Pharmacopoeias and write the salient features of Indian Pharmacopoeia. (8M)
- b) Write about development of Pharmaceutical Industry in India. (6M)
3. a) Write about care required in dispensing procedures including labeling of dispensed products. (10M)
- b) Write the equations to calculate child dose. (4M)
4. a) Write about the principle and procedure of dispensing of the ointments. (7M)
- b) Write about the principle and procedure of dispensing of the emulsions. (7M)
5. a) Define suspension, classify, advantages, disadvantages and general characteristics of suspensions. (7M)
- b) Explain about classification, advantages, disadvantages and general characteristics of Capsules. (7M)
6. a) Write about physical incompatibilities with examples. (11M)
- b) Rx (3M)  
Sodium Salicylate-----1g  
Caffeine citrate-----0.650g  
Water upto-----30.0ml  
How will you dispense above formula.
7. a) Write about preparation of liquid extractions. (10M)
- b) Write briefly about creams. (4M)