Code No: PHR16115   **R16**   SET - 1

I B. Pharmacy I Semester Supplementary Examinations, February - 2019
GENERAL AND DIEPENSING 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 incompatability and classify the incompatabilities.   (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 incompatabilities 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)