

I B. Pharmacy I Semester Supplementary Examinations, Jan/Feb - 2018
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**

PART -A

1. a) Find the concentration of sodium chloride (Freezing point -0.576°C) required to make 1.5% solution of Cocaine hydrochloride (Freezing point -0.09°C) iso-osmotic with blood plasma. (4M)
- b) Write about Weak Iodine solution. (I.P) (3M)
- c) Write about Linctus. (3M)
- d) Menthol-----5gm (4M)
 Camphor-----5gm
 Ammonium chloride-----30gm
 Light magnesium carbonate---60gm
 Explain the incompatibility in above formula.
- e) Write about liquid extracts. (4M)
- f) Write about the syrups. (4M)

PART -B

2. a) Explain about different parts of a prescription with an example. (8M)
- b) Explain about the care required in dispensing procedures including labeling of dispensed products. (8M)
3. a) Write about principle and procedure of dispensing bulk powders for external and internal use. (8M)
- b) Write about principle and procedure of dispensing effervescent powders (8M)
4. a) Write the ingredients used in Tablet and write the advantages of tablet. (8M)
- b) Define suppository and write about suppository bases and evaluation of suppositories. (8M)
5. a) Write about various types of chemical incompatibilities, explain the Method A and Method B for precipitation yielding combinations. (8M)
- b) Write about therapeutic incompatibility with examples. (8M)
6. a) Write about percolation in detail and write it's importance in galenical product preparations with examples. (8M)
- b) Explain the method of preparation, storage and packing of dry extracts. (8M)
7. a) Write the code of ethics towards profession of pharmacy prescribed by PCI. (10M)
- b) Write about the role of pharmacist in relationship with professional organization. (6M)