

**Subject Code: B13105/R13**

**I B. Pharmacy I Semester Regular/Supplementary Examinations Feb. - 2015**

**DISPENSING PHARMACY & ETHICS**

**Time: 3 hours**

**Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

1. (a) Define Prescription and mention parts of prescription
- (b) Differentiate between liniments and lotions
- (c) Define dosage form and mention their general features
- (d) Define and classify incompatibility
- (e) Define menstrum and marc
- (f) Ethics prescribed by pci in handling prescription

[3+5+3+4+2+5]

**PART-B**

2. (a) Define proof spirit, degree under proof and degree over proof
  - (b) Define isotonicity and find out the concentration of sodium chloride required to make a 1.5 % solution of cocaine hydrochloride iso-osmotic with blood plasma ( freezing point of 1% w/v solution of cocaine HCl is  $-0.09^{\circ}\text{C}$ , freezing point of 1% w/v solution of NaCl is  $-0.576^{\circ}\text{C}$ )
- [6+10]
3. (a) Define emulsion and describe wet gum method for the preparation of primary emulsions
  - (b) Write a short note on emulsifying agents
- [10+6]
4. Write the advantages and disadvantages of the following dosage forms
    - (a) Tablets and Capsules
    - (b) Emulsions and suspensions
    - (c) Creams and gels
- [6+5+5]
5. Write in detail about methods of overcoming and handling incompatible prescriptions
- [16]
6. Describe the soxhlet extraction process with the help of a neat diagram
- [16]
7. What is PCI and write about its constitution and functions
- [16]

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