

First Year B.Pharm Degree Supplementary Examinations, August 2016

PHARMACEUTICS - I
(Dispensing and General Pharmacy)
(2010 - Scheme)

Time: 3 Hours**Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

Essay**(3x10=30)**

1. Define mixture and classify mixtures with suitable examples. How mixtures containing indiffusible solids are dispensed.
2. Define ointment and classify ointment bases with examples. List the characteristic of each base with examples.
3. What are incompatibilities. Discuss in detail about the various causes of physical and alkaloidal incompatibilities & its remedies with suitable examples.

Short notes**(14x5=70)**

4. Discuss different operational aspects in compounding of a prescription.
5. How will you calculate 300ml of 60% alcohol from 90% alcohol by using alligation method.
6. English translations for the following latin word:
 - Haustus
 - Sumendus
 - Pro renata
 - Semel in die
 - Hora somni
7. What are the various steps in packing of a drug in a percolator.
8. Differentiate between liniment and lotion
9. Aromatic waters.
10. Pharmacopoeias
11. General method of preparation of tinctures.
12. What are the characteristics of an ideal suppository base.
13. Explain in detail about the formulation of paints.
14. Discuss the classification of dosage form.
15. What are emulsions. How do you prepare castor oil emulsion by using wet gum method.
16. How can a pharmacist prepare 300ml of 8% w/w solution of a drug in alcohol. The density of alcoholic solution is 0.82g/ml.
17. Explain the significance of pharmaceutical calculations.
