

First Year B.Pharm Degree Supplementary Examinations, July 2015

(2010 - Scheme)**PHARMACEUTICS - I****(Dispensing and General Pharmacy)****Time: 3 Hours****Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

Essay**(3x10=30)**

1. Describe in detail the various stages which ultimately led to the development of first pharmacopoeia of India
2. Define percolation. Explain the steps involved in simple percolation
3. Define and classify incompatibility. Discuss therapeutic incompatibilities with suitable examples

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

4. How will you distinguish w/o and o/w emulsions.
5. Mention the qualities of an ideal ointment base.
6. Explain the general method for the preparation of powder containing small dose of a potent medicament
7. Define posology. Mention the formulae used for calculation of doses for children on the basis of age and body weight.
8. How much of 10% ointment and 5% ointment are required to produce 60 gms of 2.5% ointment.
9. Differentiate between simple maceration and multiple maceration.
10. Expanded latin form and english meaning of the following:
• S.O.S • Aq.ad. • q.i.d • p.p.a • b.i.d
11. How will you prepare 12 suppositories of tannic acid each weighing approximately 4 gms and containing 300 mg of tannic acid(displacement value of tannic acid = 0.9)
12. Discuss the method of preparation of iodine paint compound.
13. Briefly describe the various parts of a prescription
14. Differentiate between lotions and liniments
15. What are jellies. Classify them with suitable examples.
16. List the aromatic waters with an example and mention its preparation.
17. Define proof spirit. Find out the proof spirit of an elixir containing 35% v/v alcohol.