

First Year B.Pharm Degree Examinations June 2017

PHARMACEUTICS - I
(Dispensing and General Pharmacy)**(2012 - Scheme)****Time: 3 Hours****Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

Essay**(3x10=30)**

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

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

4. What is posology. Mention the formulae used for calculation of doses for children on the basis of age and body weight.
5. The method of preparation of iodine paint compound.
6. A general method for the preparation of powder containing small dose of a potent medicament
7. How will you distinguish w/o and o/w emulsions.
8. How much of 10% ointment and 5% ointment are required to produce 60 gms of 4% ointment
9. What are jellies. Classify them with suitable examples
10. Give the expanded Latin form and English meaning of:
 - 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. Mention the qualities of an ideal ointment base.
13. Briefly describe the various parts of a prescription
14. Define proof spirit. Find out the proof spirit of an elixir containing 35% v/v alcohol.
15. Differentiate between simple maceration and multiple maceration.
16. What are aromatic waters and how they are prepared. Mention an example
17. Write in detail various semisolid dosage forms with examples