

First Year B.Pharm Degree Supplementary Examinations , April 2015

(2012 - Scheme)

PHARMACEUTICS - I

(Dispensing and General Pharmacy)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Define prescription. Describe the various parts of prescription in details with example.
2. Define incompatibility. Describe in brief about therapeutic incompatibility with examples.
3. Explain with a neat diagram of the simple percolation process in detail. Add a note on percolators.

Short notes

(14x5=70)

4. What are the salient features of the third edition of Indian pharmacopoeia.
5. Explain briefly modern method of prescription. Mention its advantages and disadvantages.
6. Classify and define the different types of semisolid dosage forms.
7. Define posology. Calculate the dose for 8 and 12 year old child if the adult dose is 500mg.
8. Define and explain the term reserved percolation.
9. Explain different types of suppository bases. Add a note on displacement value.
10. Stability of emulsions.
11. Define powders. Explain briefly about dusting powders.
12. Physical incompatibilities with examples.
13. From 20%, 60% and 70% alcohol, how do you prepare 300 ml of 30% of alcohol
14. Define the terms lotion and liniment. Differentiate between lotion and liniment.
15. Solvents used in extraction processes.
16. Discuss Herapathite reaction.
17. Labeling requirements for liniments, mouthwash and gargles.
