

First Year B.Pharm Degree Supplementary Examinations, February 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 emulsion. Mention an identification tests for emulsion. Add a note on stabilities of emulsion.
2. Define galenicals. Explain about extracts in detail.
3. Define percolation. Explain the simple percolation process in detail with a labeled diagram.

Short notes

(14x5=70)

4. Enumerate the salient features of the second edition of Indian pharmacopoeia.
5. Define paste. Differentiate between pastes and ointments.
6. Classify liquid dosage forms with examples.
7. Define posology. Explain any eight factors affecting doses of drug.
8. What is proof spirit. Convert 90% v/v and 30% v/v alcohol into proof spirit.
9. Ideal characteristics of ointment bases.
10. Describe with neat sketch the Soxhlet apparatus.
11. Find out the relative parts of the samples of ammonia water containing 33%, 28%, 8.5% and 7% of ammonia to be mixed in order to get a sample containing 10% ammonia.
12. Explain any three types of therapeutic incompatibility with suitable examples.
13. How do you dispense mixtures containing diffusible and indiffusible solids.
14. Preparation, labeling, storage and use of turpentine liniment.
15. Prepare and submit 500 ml of codeine phosphate syrup containing 1 mg in each 5ml dose from codeine phosphate syrup available in market (Market dose is 2 mg in 5 ml).
16. Aromatic waters with examples.
17. What are the precautions have to be taken while dispensing powders containing volatile and hygroscopic substances.
